



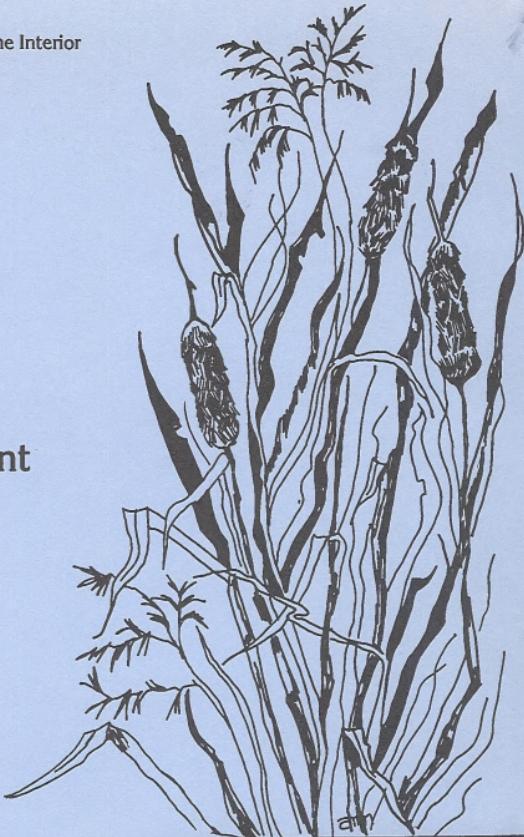
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Montana — March 1981

**DRAFT**  
Environmental  
Impact Statement  
**APPENDICES**



**Prairie  
Potholes EIS**

Vegetation Allocation

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APPENDICES

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APPENDIX 1.1: AGENCY'S RESPONSIBILITY IN THE PRAIRIE POTHOLES EIS AREA

The following agencies share regulatory or reviewing responsibility in the Prairie Potholes EIS Area with BLM.

National Advisory Council on Historic Preservation (NACP), Heritage Conservation and Recreation Service (HCRS), Montana State Historic Preservation Officer (SHPO), and Montana State Archaeologist

Section 106 of the National Historic Preservation Act and Section 2b of Executive Order 11593 require that BLM consult with NACP, HCRS, SHPO, and the State Archaeologist on actions that might affect historic or cultural values on public lands.

Bureau of Indian Affairs (BIA)

The Blackfeet, Rocky Boy, Fort Belknap, and Fort Peck Indian Reservations in the Prairie Potholes are administered by the BIA (U.S. Department of the Interior).

Soil Conservation Service (SCS)

The SCS (U.S. Department of Agriculture) is primarily concerned with the stabilization of the soil and watershed resources and increasing the productivity of private land. To improve production on private land, the SCS has developed farm and ranch plan programs with such soil conservation projects as detention reservoirs and seeding. In ranch plan development, grazing systems are designed to use the private range effectively. In an integrated program, other rangelands such as public land must be considered. If the private ranch plan development should incorporate other uses on public land, conflicts would arise, particularly if use of public lands would be adjusted. SCS assistance on private lands is accomplished primarily through five soil and water conservation districts in or near the EIS area.

Through the Agricultural Stabilization and Conservation Service (ASC), the Soil Conservation Service provides assistance to landowners who want to improve their private rangelands. The ASC provides cost-sharing on fences, water developments, and erosion control; the SCS provides technical support in planning, surveying, designing, and laying out each project.

Corps of Engineers

This agency (U.S. Army) has permitting responsibility under Section 404 of the Navigable Water Act.

U.S. Geological Survey (USGS)

USGS (U.S. Department of the Interior) has jurisdiction over operational development of oil and gas deposits on public lands after BLM issues the leases.

Cooperative State Grazing Districts

Organized under the 1935 Montana Grazing Conservation Act, these nonprofit cooperative associations of livestock operators are empowered to locate or buy grazing lands, to develop and manage district controlled lands and to allocate grazing preferences among members and nonmembers. BLM has cooperative agreement with these 11 State Grazing Districts in the Prairie Potholes:

| HAVER RESOURCE AREA | PHILLIPS RESOURCE AREA | VALLEY RESOURCE AREA |
|---------------------|------------------------|----------------------|
| North Fork          | North Phillips         | Blackfoot Creek      |
| Cherry Ridge        | South Phillips         | Bigger Creek         |
| Lobell              |                        | North Valley         |
| Coal Creek          |                        | Badlands             |
| Wayne Creek         |                        |                      |

Environmental Protection Agency (EPA)

EPA is authorized under Section 309 of the Clean Air Act to review and evaluate environmental impact statements. Under Section 208, Federal Water Pollution Control Act, this agency also monitors water pollution control planning through the Montana Department of Health and Environmental Sciences with which BLM coordinates land use planning.

Fish and Wildlife

The Fish and Wildlife (U.S. Department of the Interior) manages Crandall Coule, Thibaudau Lakes, Hewitt Lakes, Lake Bowdoin, Medicine Lake National Wildlife Refuge and the Charles N. Russell National Wildlife Refuge. Fish and Wildlife also enforces the Endangered Species Act, manages migratory waterfowl, and monitors the aerial hunting of predators.

Montana Department of Fish, Wildlife and Parks

Fish, Wildlife and Parks is responsible for fisheries, big and small game species, and outdoor recreation. BLM has an agreement with Fish, Wildlife and Parks to maintain, manage, and improve wildlife resources in Montana.

Old West Regional Commission

This State-Federal partnership established by the Public Works and Economic Development Act stimulates programs for the orderly growth and development of Montana, among other states. Under the Old West Regional Commission, the Montana Public Lands Council through the "Crazing Assistance and Evaluation Program" facilitates the exchange of information between public land users and BLM and evaluates allotment management plans.

National Park Service

This agency administers the Chief Joseph Battlefield in BLM's Havre Resource Area.

Private Grazing Associations

These nine associations grazing public lands in common easing the management of allotments where there would otherwise be numerous permitted.

| HAVER RESOURCE AREA             | PHILLIPS RESOURCE AREA               | VALLEY RESOURCE AREA          |
|---------------------------------|--------------------------------------|-------------------------------|
| Glosson Crazing Association     | Milk River Land & Cattle Association | Whitmeyer Crazing Association |
| Eureka Crazing Association      | Cottonwood Grazing Association       |                               |
| Mitchell Crazing Association    |                                      |                               |
| Silver Bow Crazing Association  |                                      |                               |
| Stags Butt Crazing Association  |                                      |                               |
| Wood Chiloe Crazing Association |                                      |                               |

Montana Department of State Lands

AGPs often contain varying amounts of state land. Approximately 11 percent of the area is composed of state land, the largest part of which is managed by the Montana Department of State Lands. State land, which often is intermingled with BLM land, is generally leased to individual livestock operators or cooperative state grazing districts on a long term basis. Coordination with the Montana Department of State Lands is continuing as the department becomes increasingly involved in management planning and the development of range improvements.

Water and Power Resource Service

Water and Power Resources (U.S. Department of the Interior) manages Nelson Reservoir, the Milk River Irrigation Project and other reservoirs and water projects in the Prairie Potholes.

LAND OWNERSHIP IN THE PRAIRIE POTHOLES EIS AREA

|  | # Acres*         | % of Total |
|--|------------------|------------|
| BLM Administered                         | 1,749,238        | 11         |
| Water and Power Resources Administration | 124,000          | 1          |
| U.S. Fish and Wildlife Service           | 65,000           | 1          |
| Army Corps of Engineers                  | 6,000            | -          |
| Other Withdrawals**                      | 5,000            | -          |
| State                                    | 1,404,000        | 9          |
| County                                   | 52,000           | -          |
| Private                                  | 10,379,000       | 68         |
| Bureau of Indian Affairs                 | <u>1,554,000</u> | 10         |
|  | 15,338,238       |            |

\* Rounded to the nearest thousand

\*\* Power site, Canadian border

Source: BLM, 1981.

| Original Objectives   | RESOURCE OBJECTIVES MATRIX  |   |   |
|---|---|---|---|
|   | Enhanced Combined Vegetation uses and Management Alternatives   | Enhanced Livestock Forage Alternative   | Enhanced Watershed Value & Wildlife Habitat Alternative   |
| <b>LIVESTOCK</b>  |   |   |   |
| 1. Improve or maintain each AMP allotment to achieve at least 65% of potential on 80% of the allotment acreage in 15 years. | <p>1. Improve or maintain each AMP allotment to achieve good ecological range condition on 80% of the allotment acreage in 15 years of AMP operation.</p> <p>(Specific recommendations to achieve the above objective follow in the next ten times.)</p> <ul style="list-style-type: none"> <li>a. Improve range condition and increase forage production on Glacial Till Uplands by grazing systems and/or mechanical treatments.</li> <li>b. Improve range condition and increase forage production on Clay Sedimentary Uplands (subgroups 3 and 4) by the implementation of good grazing practices.</li> <li>c. Improve range condition and increase forage production on Low Sedimentary Uplands (subgroup 5) by implementation of good grazing practices, sometimes combined with mechanical treatments on certain soils.</li> <li>d. Improve range condition and increase forage production on Floodplains, Low Terraces, and Wet Basins by implementation of grazing management systems keyed to the needs of the vegetation and soils in these important areas.</li> <li>e. If necessary for the protection or enhancement of riparian or wetland areas, mechanical treatments can speed improvement in range condition and forage production.</li> <li>f. Improve range condition and increase forage production on Fans, Foothslopes, and Terraces Not Subject to Flooding by implementation of grazing systems and the mechanical treatment of clubmoss soils.</li> <li>g. Improve range condition and increase forage production on Mountainous Soils with Forest Canopy and Non-forested Soils of Mountain Foothslopes by using proper stocking rates and good grazing practices.</li> <li>h. Crested wheatgrass seedlings must have production maximized and up to 70% allocated to livestock.</li> <li>i. Eradicate leafy spurge and other noxious weed infestations.</li> </ul> | <p>1. Improve or maintain each AMP allotment to achieve good ecological range condition on 80% of the allotment acreage in 15 years of AMP operation.</p> <p>(Specific recommendations to achieve the above objective follow in the next ten times.)</p> <ul style="list-style-type: none"> <li>a. Improve range condition and increase forage production on Glacial Till Uplands by grazing systems and/or mechanical treatments.</li> <li>b. Improve range condition and increase forage production on Clay Sedimentary Uplands (subgroups 3 and 4) by the implementation of good grazing practices.</li> <li>c. Improve range condition and increase forage production on Low Sedimentary Uplands (subgroup 5) by implementation of good grazing practices, sometimes combined with mechanical treatments on certain soils.</li> <li>d. Improve range condition and increase forage production on Floodplains, Low Terraces, and Wet Basins by implementation of grazing management systems keyed to the needs of the vegetation and soils in these important areas.</li> <li>e. If necessary for the protection or enhancement of riparian or wetland areas, mechanical treatments can speed improvement in range condition and forage production.</li> <li>f. Improve range condition and increase forage production on Fans, Foothslopes, and Terraces Not Subject to Flooding by implementation of grazing systems and the mechanical treatment of clubmoss soils.</li> <li>g. Improve range condition and increase forage production on Mountainous Soils with Forest Canopy and Non-forested Soils of Mountain Foothslopes by using proper stocking rates and good grazing practices.</li> <li>h. Crested wheatgrass seedlings must have production maximized and up to 70% allocated to livestock.</li> <li>i. 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Improve range condition and increase forage production on Floodplains, Low Terraces, and Wet Basins by implementation of grazing management systems keyed to the needs of the vegetation and soils in these important areas.</li> <li>e. If necessary for the protection or enhancement of riparian or wetland areas, mechanical treatments can speed improvement in range condition and forage production.</li> <li>f. Improve range condition and increase forage production on Fans, Foothslopes, and Terraces Not Subject to Flooding by implementation of grazing systems and the mechanical treatment of clubmoss soils.</li> <li>g. Improve range condition and increase forage production on Mountainous Soils with Forest Canopy and Non-forested Soils of Mountain Foothslopes by using proper stocking rates and good grazing practices.</li> <li>h. Crested wheatgrass seedlings must have production maximized and up to 70% allocated to livestock.</li> <li>i. Eradicate leafy spurge and other noxious weed infestations.</li> </ul> |

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| <p>2. Increase forage for livestock as a principle output of improvement of the rangeland ecosystem.</p> <p>3. Establish proper stocking rates by allocating present and future vegetation on the basis of the following criteria:</p> <ol style="list-style-type: none"> <li>Allocate the allocable use for each plant species to livestock based on SVM proper use factors for each class of livestock and season of use.</li> <li>Base allocation on average forage production of perennial species.</li> <li>Within proper use, allocate vegetation to livestock forage to meet present and future livestock demand.</li> </ol> <p>4. Construct one water supply per section where needed.</p> <p>5. Protect soil and vegetation comparison areas which have been identified or may be identified on public lands.</p> | <p>j. On allotments in predominantly fair condition which have early spring (4/1-5/15) use, eliminate damage to plants and soils caused by spring grazing by developing grazing systems to periodically defer early use.</p> <p>2. Increase forage for livestock as a principle output of improvement of the rangeland ecosystem from 319,065 AUMs to 397,721 AUMs by the year 2003.</p> <p>3. Establish proper stocking rates by allocating present and future vegetation to consumptive users based on SVM proper use factors for each ungulate and season of use for an average production year.</p> | <p>j. On allotments in predominantly fair condition which have early spring (4/1-5/15) use, eliminate damage to plants and soils caused by spring grazing by developing grazing systems to periodically defer early use.</p> <p>2. Increase forage for livestock as a principle output of improvement of the rangeland ecosystem from 319,065 AUMs to 618,215 AUMs in 15 years of AMP operation.</p> <p>3. Establish proper stocking rates by allocating present and future vegetation to livestock users based on SVM proper use factors for each ungulate and season of use for an average production year.</p> | <p>j. On allotments in predominantly fair condition which have early spring (4/1-5/15) use, eliminate damage to plants and soils caused by spring grazing by developing grazing systems to periodically defer early use.</p> <p>2. Establish proper stocking rates by allocating present and future vegetation to livestock users based on SVM proper use factors for each ungulate and season of use for an average production year.</p> <p>3. Provide adequate water supplies for livestock with at least one water facility per section.</p> <p>4. Protect identified soil and vegetation comparison areas on public lands.</p> |
| <b>WILDLIFE</b>  |   |   |  |
| <p>1. Allocate 100% of shoreline vegetation for a minimum of 100 feet around selected fisheries reservoirs to improve water quality, reduce sediment, and improve biological productivity by 1990. The option is retained to improve other reservoirs, either existing or future, which exhibit good fisheries potential.</p>  | <p>1. On designated fisheries reservoirs allocate 100% of the shoreline vegetation for a minimum of 100 feet around the option to improve other reservoirs either existing or future, which exhibit good fisheries potential.</p>   | <p>1. Forage for existing wildlife populations would be available as it contributes total allowable use.</p>  | <p>1. Allocate 100% of shoreline vegetation for 100 feet around selected fisheries reservoirs to improve water quality, reduce sedimentation, and improve biological productivity by 2003. Improve other reservoirs which exhibit good fisheries potential.</p> <p>(Items "a." and "b." are adjuncts of the above objective.)</p> <p>a. Manage for good ecological range condition in watersheds above these reservoirs.</p> <p>b. Reserve all aquatic vegetation in fisheries reservoirs to fisheries benefit.</p>  |

3. Reserve all aquatic vegetation in fisheries reservoirs for fisheries benefits.

4. By the year 2000, increase streambank cover rating in soil subgroups 6 and 17 (Soil Subgroup Map) from 100% to 90% of optimum. Increase streambank shading to at least 10% to more than 30% (bank cover rating and stream shading based on Stream Survey, 1979; see TN-283), and change the ecological range condition to good or excellent in selected drainages.

5. Allocate 100% of all vegetation on Water and Power Resources Administration withdrawal lands (soil subgroups 6, 10, 13, and 17 from the Soil Subgroup Map) along Beaver Creek to wildlife and fisheries values within 600 feet of the channel for 6-10 years to allow vegetation to reestablish.

6. By the year 2000, change all stream riparian habitat to 90% of the optimum riparian vegetation (based on Stream Survey, 1979; TN-283) for diversity of terrestrial and aquatic wildlife.

7. By 1995, improve or maintain the ecological range condition of all riparian zones of all water bodies not identified for waterfowl or fisheries values to at least good ecological range condition on all ANP allotments. These include standing water bodies, wetlands, and permanent ponds, marshes, ditches, borrow pits, etc.

8. a. Maintain native mid and tall grass cover for nesting and brood rearing habitat on those lands with woody vegetation within  $\frac{1}{2}$  mile of private farm lands (est. 40% use level max.).

b. Allocate all woody vegetation within  $\frac{1}{2}$  miles of private farm lands for wildlife uses including pheasant brood rearing and winter cover.

c. Maintain native mid and tall grass cover on uplands associated within  $\frac{1}{2}$  mile of cereal crops for partridge nesting, brood rearing, and escape habitat (est. 40% use level max.).

1. By 2003, improve or maintain the ecological range condition of all riparian zones of all water bodies not identified for waterfowl or fisheries values to at least good ecological range condition on all ANP allotments.

2. Improve or maintain 15% of the total length on high value streams to 90% of optimum streambank cover and all floodplains of designated high value streams to good ecological range condition (ref. TN-283).

2. Improve up to or maintain good ecological range condition based on SWIN data in watersheds that support a fisheries reservoir.

2. Increase the streambank cover rating in both subgroups 6 and 17 to 90% of optimum and increase streambank shading to more than 50% and change the ecological range condition to good or excellent in selected drainages.

3. Allocate 100% of all vegetation on Water and Power Resources Administration withdrawal lands (soil subgroups 6, 10, 13, and 17 from the Soil Subgroup Map) along Beaver Creek to wildlife and fisheries values within 600 feet of the channel for 6-10 years to allow vegetation to reestablish.

4. By 2003, maintain or improve the ecological range condition of riparian zones of all water bodies unidentified for waterfowl or fisheries values to at least good ecological range condition as determined by riparian surveys.

5. Maintain native mid grass cover for nesting and brood rearing on those lands within  $\frac{1}{2}$  mile of cereal crops for Hungarian partridge, Northern bobwhite, wood duck, ring-necked pheasant, and bobwhite on those lands within  $\frac{1}{2}$  miles of cereal crops for ring-necked pheasants.

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| <p>9. Maintain good to excellent preferred forage and cover among native mid and tall grasses, forbs, and shrubs on soils subgroups 15 and 19 on crucial elk habitat in the Sweet Grass Hills.</p>  | <p>4. Maintain good or excellent preferred forage and cover among mid grasses, forbs, and shrubs on soil group 15 and 19 on crucial elk habitat in the Sweet Grass Hills to support 150 head of elk.</p>  |  |  |
| <p>10. a. Maintain big sagebrush with greater than 15% canopy cover (line intercept) and over 12 inches of height within two miles of a sage grouse lek and designated winter ranges for grouse. Maintain silver sagebrush with greater than 10% canopy cover (line intercept) and over 15 inches in height within two miles of a lek and designated winter ranges for sage grouse.</p> <p>b. Allocate native mid and tall grasses for sage grouse nesting and brood rearing habitat within two miles of a lek (est. 400 use level max.). Provide succulent vegetation (forbs) for sage grouse in late spring and summer.</p>   | <p>5. Maintain big sagebrush with 15-50% canopy cover and over 12 inches in height and silver sagebrush with greater than 10% canopy cover and over 15 inches in height within two miles of sage grouse leks and on designated winter ranges for sage grouse and antelope. Maintain a diversity of forbs, grasses, and shrubs on the summer ranges to provide for 7,125-9,300 antelope.</p> |  | <p>6. Maintain good or excellent preferred forage and cover among native mid grasses, forbs, and shrubs on soil subgroups 15 and 19 on elk habitat on public lands in the Sweet Grass Hills. Allocate forage to support 150 elk on all elk habitat on public lands in the Sweet Grass Hills.</p>   |
| <p>11. a. Maintain big sagebrush with greater than 15% canopy cover (line intercept) and over 12 inches in height on antelope winter ranges.</p> <p>Maintain silver sagebrush with greater than 10% canopy cover (line intercept) and over 15 inches in height on antelope winter ranges.</p> <p>b. Maintain a minimum of 50% canopy cover of vegetation on antelope spring-summer ranges to provide for 4,750 antelope (number to be provided), with 10% native mid shrubs, 5-15% desirable forbs, and 20-25% composition of native mid and tall grasses (20-40 species forbs, 5-10 species shrubs and desirable) on sites where potential antelope will be meeting good ecological range condition.</p> |   |  | <p>7. Maintain big sagebrush with 15-50% canopy cover and over 12 inches in height and silver sagebrush with greater than 10% canopy cover and over 15 inches in height within two miles of sage grouse leks, designated grouse winter ranges, and designated antelope winter ranges. Allocate native mid grasses for sage grouse nesting and brood rearing habitat within two miles of a lek. Maintain a diversity of forbs, grasses, and shrubs on summer ranges to provide for 14,250 antelope.</p> |
| <p>12. Allocate all vegetation on black-tailed prairie dog towns to promote self-sustaining populations of the black-footed ferret, swift fox, burrowing owl, and mountain plover and to maintain habitat for associated wildlife species until such time as problem towns are evaluated by the multidisciplinary team.</p>   | <p>6. Allocate vegetation to support the 18 existing prairie dog towns until appropriate habitat management plans are completed. Towns in excess of 40 acres will be reduced to a maximum of 40 acres if no endangered species are present in the town. New towns will be allowed. Towns identified in habitat management plans as problem towns may be completely eliminated.</p>          |  | <p>8. Allocate all vegetation on existing black-tailed prairie dog towns to promote self-sustaining populations of black-footed ferret, swift fox, burrowing owl, and mountain plover and to maintain other associated wildlife until such time as problem towns are evaluated by the multidisciplinary team.</p>  |

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| <p>13. a. Provide standing native mid and tall grass cover within two miles of a lek for nesting and brood rearing and winter habitat (est. 40% use level max.).</p> <p>b. Allocate 100% of woody vegetation within two miles of a lek for wildlife uses including sharp-tailed grouse for brood rearing and winter habitat.</p> <p>14. a. Allocate 100% of the woody vegetation on deer winter ranges for wildlife use.</p> <p>b. Allocate forage to support 8,000 deer on spring-summer ranges.</p> <p>15. a. Allocate 100% of emergent vegetation and the vegetation within 100 feet of reservoirs, ponds, and wetlands for waterfowl nesting and brood rearing habitat.</p> <p>b. Maintain a minimum of native mid and tall grass cover on all uplands for nesting waterfowl (est. 40% use level max.).</p> <p>c. Allocate 100% of vegetation on Water and Power Resources Administration withdrawal lands within 600 feet of Beaver Creek to wildlife uses including waterfowl nesting.</p> | <p>7. Within 1½ miles of a sharp-tailed grouse lek maintain or improve woody vegetation and give careful consideration in location of water improvements.</p> <p>8. Maintain or improve woody vegetation on deer winter ranges.</p> <p>9. Allocate 100% of the shoreline and emergent vegetation around 30% of the reservoirs in ANP allotments which will be considered for grazing systems (deferred rotation or rest rotation) because of predominantly fair (50%) range condition.</p> <p>10. Allocate 100% of the wetland and/or riparian vegetation immediately below 30% of reservoirs with seeps which have existing and/or the potential for wildlife habitat.</p> <p>11. Defer spring grazing until July 1 to supply food and cover to wildlife species.</p> |  | <p>9. Provide standing native mid grass cover within two miles of a sharp-tailed grouse lek for nesting and brood rearing and winter habitat. Allocate 100% of woody vegetation within two miles of a lek for brood rearing and winter habitat.</p> <p>10. Allocate 100% of the woody vegetation on deer winter ranges for wildlife use. Allocate forage to support 24,000 deer on spring-summer ranges.</p> <p>11. Allocate 100% of emergent vegetation and the vegetation within 100 feet of reservoirs, ponds, and wetlands for nesting and brood rearing habitat 4/1-7/1. Maintain a minimum of native mid grass cover on all uplands for nesting waterfowl.</p> <p>12. Allocate 100% of the wetland and/or riparian vegetation immediately below all reservoirs with seeps which have habitat for mallards, waterfowl, big game, and upland game or the potential for these habitats.</p> <p>13. Priority should be given to wildlife for increases in vegetation that occur through intensive grazing management.</p> <p>14. Defer spring grazing until July 1 to supply food and cover to wildlife species.</p> |
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| WATERSHED  |   |  |   |
|--|---|--|---|
| <p>1. Minimize water and wind erosion, improve soil productivity, and lessen flooding severity by allocating vegetation production to watershed rehabilitation according to values set in the table.</p> <p>2. Water Influence Zones: Floodplains: Achieve and/or maintain within a period of 10 years after implementation of AMPs:</p> <ul style="list-style-type: none"> <li>a. A minimum of 90% of the optimum streambank cover (TB-283) and,</li> <li>b. A good channel stability rating (based on the Phanckuch method).</li> </ul> <p>3. For all floodplains and valley bottoms not described in 2, protect and enhance water quality and retard flooding severity.</p> <p>4. For Water Influence Zones: High Value reservoirs: Maintain water quality at levels equal to or better than legal quality standards for fish propagation and body contact recreation (swimming, skiing, etc.) by allocating to watershed 100% of the vegetation within at least a 100 foot buffer zone as measured above the high-water line.</p> <p>5. Maintain water standards equal to or better than legal standards for water for consumptive uses by livestock and wildlife in low-value reservoirs.</p> | <p>1. On allotments in predominantly fair ecological range condition, implement grazing systems that periodically defer early season livestock use (4/1-5/15) in addition to land treatments and grazing management techniques keyed to specific soil subgroups to improve cover and reduce soil compaction.</p> <p>2. For all floodplains, protect and enhance water quality and retard flooding severity.</p> <p>3. For all low-value reservoirs utilized primarily for wildlife and livestock use, maintain water quality to meet or exceed minimum state and Federal water quality standards.</p> | <p>1. On allotments in predominantly fair ecological range condition, implement grazing systems that periodically defer early season livestock use (4/1-5/15) in addition to land treatments and grazing management techniques keyed to specific soil subgroups to improve cover and reduce soil compaction.</p> <p>2. For all low-value reservoirs utilized primarily for wildlife and livestock use, maintain water quality to meet or exceed minimum state and Federal water quality standards.</p> | <p>1. Minimize erosion, improve soil productivity and reduce flooding severity through attainment of target watershed cover percentages for each soil subgroup.</p> <p>2. On high-value floodplains associated with stresses that flow site month or more of the year and those (floodplains associated with soil subgroups 6 and 17, achieve and/or maintain within a period of 15 years after implementation:</p> <ul style="list-style-type: none"> <li>a. A minimum of 90% of the optimum streambank cover (TB-283) and,</li> <li>b. A good channel stability rating (based on the Phanckuch method).</li> </ul> <p>3. For all floodplains and valley bottoms not described above, protect and enhance water quality and retard flooding severity.</p> <p>4. On high-value reservoirs managed by BLM, maintain water quality at levels equal to or better than legal quality standards for fish propagation and body contact recreation by allocating watershed 100% of the vegetation within at least a 100 foot buffer zone as measured above the high-water line.</p> <p>5. For all low-value reservoirs utilized primarily for wildlife and livestock use, maintain water quality to meet or exceed minimum state and Federal water quality standards.</p> <p>6. Prevent removal of vegetative cover, prevent soil compaction and soil disturbance in the early spring runoff and spring rainy season due to livestock grazing by delaying grazing until 7/1.</p> |
| RECREATION, WILDERNESS, VISUAL RESOURCES   |   |  |   |
| <p>1. Allocate to recreation 100% of the riparian zone vegetation around selected reservoirs with recreational opportunities. Other reservoirs existing or future, which have recreational opportunities will be identified in the future.</p> <p>2. Allocate to recreation 100% of the vegetation within present and future designated recreation sites.</p>  | <p>1. Allocate all vegetation within present and future designated recreation sites to recreation.</p>  | <p>1. Allocate all vegetation within present and future designated campgrounds within the Missouri Wild and Scenic River Corridor to recreation.</p>   | <p>1. Allocate to recreation 100% of the riparian zone vegetation around selected reservoirs with recreational opportunities. Other reservoirs existing or future, which have recreational opportunities will be identified in the future.</p> <p>2. Allocate to recreation 100% of the vegetation within present and future designated recreation sites.</p>   |

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| <p>3. Allocate to natural history 100% of the vegetation within existing and future vegetation relict sites and unique vegetation communities.</p> <p>4. Consider Visual Resource Management Classes in design and construction of range facilities and land treatments.</p> <p>5. Manage designated wilderness study areas according to BLM Interim Management Policy and Guidelines for Lands Under Wilderness Review.</p> | <p>4. Consider Visual Resource Management Classes in design and construction of range facilities and land treatments.</p> <p>5. Manage designated wilderness study areas according to BLM Interim Management Policy and Guidelines for Lands Under Wilderness Review.</p> | <p>2. Manage designated wilderness study areas according to BLM Interim Management Policy and Guidelines for Lands Under Wilderness Review.</p> | <p>3. Allocate to natural history 100% of the vegetation within existing and future vegetation relict sites and unique vegetation communities.</p> <p>4. Consider Visual Resource Management Classes in the designation and construction of range facilities.</p> <p>5. Manage designated wilderness study areas according to BLM Interim Management Policy and Guidelines for Lands Under Wilderness Review.</p> |
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CULTURAL RESOURCES

|  |   |   |   |
|--|---|---|---|
|  | <p>1. Avoid damage to cultural sites by range improvements according to guidelines in the Programmatic Memorandum of Agreement.</p> | <p>1. Avoid damage to cultural sites by range improvements according to guidelines in the Programmatic Memorandum of Agreement.</p> | <p>1. Avoid damage to cultural sites by range improvements according to guidelines in the Programmatic Memorandum of Agreement.</p> |
|--|---|---|---|

#### APPENDIX 1.3: TYPICAL GOALS OF ALLOTMENT MANAGEMENT PLANS

Allotment Management Plans (AMPs) usually follow this format:

- I. Introduction
  - A. Allotment Map
  - B. Guidance from the Land-Use Plan
  - C. Grazing Management Problems
- II. AMP Objectives
- III. Key Species and Phenology
- IV. Planned Grazing Use
  - A. Grazing System and Rationale
  - B. Grazing Formula
  - C. Treatment Schedule
  - D. Normal Operation
  - E. Flexibility
  - F. Approval for Changes in Grazing Use
- V. Range Improvements
  - A. Existing
  - B. Proposed
- VI. Interim Grazing System
- VII. Billing Procedure
- VIII. Studies and Evaluation
- XI. Approval

Goals of the AMP would be listed under "AMP Objectives," Item II. Goals would be specific and applied to particular areas, i.e. "study areas" or "pastures." Typical AMP goals divided by resource would be similar to these:

- II. AMP Objectives
  - A. Range
    1. On Study Area One, improve to good ecological range condition on 80% of the range in 15 years of operation under this AMP.
  - B. Soils and Water
    1. Minimize soil erosion in the Marble Creek Watershed (Study Area One) while maintaining vegetation production by:
      - a. (Methods, etc.)
      - b. (Methods, etc.)
      - c. (Methods, etc.)
    2. Improve the availability of water to livestock in Study Area One by:
      - a. (Methods, etc.)
      - b. (Methods, etc.)
      - c. (Methods, etc.)
  - C. Wildlife
    1. Increase wildlife habitat for big game, upland game birds, waterfowl and nongame species by:
      - a. (Methods, etc.)
      - b. (Methods, etc.)
      - c. (Methods, etc.)
  - D. Recreation/Visual Resources
    1. Improve recreational opportunities on Marble Creek by:
      - a. (Methods, etc.)
      - b. (Methods, etc.)
      - c. (Methods, etc.)
    2. Maintain visual resources in this allotment by applying management objectives of the Visual Resource Management classes for surface-disturbing projects.

## A. Description of Prairie Potholes EIS Soil and Vegetation Inventory (SVIM)

An extensive inventory of soils and vegetation of the Prairie Potholes EIS area was conducted in 1978-79 using BLM's Soil and Vegetation Inventory Method (SVIM). The inventory included a total of 2.6 million acres; 1.7 million acres of public land and 900,000 acres of intermingled private and state land. In general, private and state lands were inventoried if they were in the same pasture with public lands, especially if grazing authorizations were governed by BLM through exchange-of-use or percentage of Federal range grazing licenses.

The objectives of the inventory were as follows:

1. To determine the ecological condition of the vegetation resource.
2. To inventory the soils of the areas; to understand capabilities and potentials of the soil resource and to link vegetation to soils in order to determine the best management practices for the area.
3. To determine vegetation production, cover, trend and watershed condition in order to make appropriate allocations of vegetation.
4. To develop a base of resource information that could be added to and improved on in future years.

The inventory was conducted as follows:

1. Soil survey maps were used as a base; SCS surveys for Valley, Blaine and Sheridan Counties were available, new inventories were conducted cooperatively with SCS in Phillips, Chouteau, Hill, Liberty, Toole, Glacier and Roosevelt Counties. The new soil surveys were Order 3 (extensive) surveys and included mainly public lands, while the existing SCS surveys were more intensive (Order 1) and included all lands. Range sites for each soil series was determined and noted on the maps.
2. Range condition and vegetation types were determined and assigned to a strata (each soil/vegetation condition class being called a strata) on the soils/range site maps. Helicopters were used to speed this operation as range conservationists estimated ecological range condition and mapped vegetation types while traversing the allotments slowly at altitudes of 10-15 feet. Plots were clipped or estimated regularly to insure accurate estimates. By this method 10,000-20,000 acres could be mapped in a day. South Valley, north Blaine and part of north Valley Counties were mapped in 1978, the remainder in 1979. Four range conservationists and two soil scientists did this work.
3. About 1,800 SVIM transects were located on representative sites to sample all identified strata at a level of 3 transects/strata/resource area. This effort involved about 17 temporary and 10 permanent personnel in 1979.
4. Acres of each strata were tabulated and entered on computer forms. Livestock and wildlife use was tabulated. Range site descriptions and proper use factor tables were developed. Climatic adjustment factors were developed so that average production could be represented.

Problems developed in getting all the data processed through the computer in time for use in the EIS, but the range condition and soils data from the mapping phase were available in time. SCS range site and condition stocking rate guides were multiplied by range site and condition acreage by means of a computer program to determine an SCS recommended stocking rate and potential stocking rate for each strata. The recommended rates appear in Table 2.3 and were used as the short term livestock allocation in the Enhanced Livestock Forage Alternative. The comparison was made to identify potential problems with the current allocation in lieu of the unavailable SVIM transect data.

The SCS guides as used are very general; they do not consider variability of the production of soil series within the same range site, distance from water or the variable palatability of fenced and unfenced crested wheatgrass. The mapping was general also. For instance, a strata estimated as "good" condition might be a mottled complex of soils and

range condition which included more "good" than "fair" condition. Field checks of water availability, range condition estimates, range site productivity in comparison to guides and crested wheatgrass usability would have to be made before the "SCS Recommended" (Table 2.3) rates could be considered accurate.

5. The following are recommended methods of management and descriptions of range developments. These are provided to further clarify the proposed alternatives and provide guidance in the development of ANPs.

## 1. Vegetation Allocation

Initial target allocations in Alternatives A, B and D are based on current stocking rates. In A and B these stocking rates would be verified by actual range and utilization monitoring and SVIM transects on range site and condition strata. The proposed allocation to livestock and wildlife is 50 percent of the forage production in A and B. In D the level of use is variable but for most allotments 30-35 percent of the forage would be grazed by livestock. In Alternative C a 50 percent use level is proposed; also SCS stocking guides rather than current stocking would be used as a base. The same inventory and monitoring procedure as A and B would be followed to reach the desired stocking rate.

## 2. Riparian Fencing and Rest

High value streamside riparian vegetation would be managed in two ways: 1) Fence 100 feet on each side of the stream channel. 2) Rest would be required for 4-10 years. Grazing would be allowed in the late fall-winter on a rotational basis.

Saline seeps and fisheries would be managed by fencing 100 feet around fisheries, fencing one acre areas below reservoirs with seeps. Rest would be required for 4-10 years. Grazing would be allowed in these areas on a periodic basis with the cooperation of a wildlife biologist.

## 3. Grazing Treatments

Grazing treatments or systems would vary, depending on the allotment situation and the management needed to reach the resource objectives of an alternative. Mitigating measures and procedures are as follows:

1. Fencing of footslopes, floodplains and riparian zones into separate pastures to be grazed in the fall or grazed in a sequence of rest and deferment except where required treatments can be incorporated into allotment-wide grazing systems.
2. In Alternatives A, B and C, consideration would be given to limiting livestock stress by designing grazing systems with the minimum number of pastures necessary to meet resource objectives and by allowing a short drift period between pasture moves.
3. Crested wheatgrass would be used as spring pasture in Alternatives A, B and C where current stands are sizable enough to be fenced into usable pastures or where slight plowing and seeding would expand a stand to a practical size.

4. In Alternative D grazing systems would involve fewer pastures than A, B or C due to the shorter season.

#### 4. Mechanical Treatments

##### Scalping

Proposed in Alternatives A, B, C and D on slopes of up to 12 percent in soil subgroups 1 and up to 8 percent on subgroups 5, 8 and 9 (see the "Glossary"). Mitigative measures are: (1) interseeding with alfalfa (varieties Rambler and Orenburg) deep enough to use deep moisture and prevent possible saline seeps while providing palatable forage for livestock and wildlife, (2) scalping would not be done on sheep allotments to prevent possible animal loss, (3) scalping would be done according to recommendations by Ryerson, et al. (1970) including fencing of treated areas into separate pastures, scalping on the contour, leaving trails undisturbed and providing check dams.

Scalping with interseeding of alfalfa is the recommended treatment to renovate crested wheatgrass stands.

##### Contour Furrowing

Proposed in Alternatives A, B, C and D on slopes up to 8 percent in soil subgroup 2 (see the "Glossary"). Mitigating measures are: (1) interseeding with alfalfa (varieties Rambler or Orenburg) to utilize deep moisture and prevent possible saline seep while providing palatable forage for livestock and wildlife, (2) contour furrowing would not be done on sheep allotments to prevent possible animal loss, (3) it would be done per recommendations by Ryerson as with scalping.

##### Chiseling

An alternate treatment to scalping or contour furrowing proposed on 12 percent slopes in soil subgroup 1 and 8 percent slopes on all other suitable soils ("Glossary"). The mitigating measure is to follow the recommendations of Ryerson (1970) as described above.

##### Fitting

An alternate treatment to scalping on soil subgroups 1, 5, 8 and 9. Mitigating measures are as described by Ryerson (1970).

##### Plowing and Seeding

Proposed in Alternatives A, B and C in situations where a small amount of additional crested wheatgrass would make an present stand of crested wheatgrass a useable spring pasture and in A, B, C and D where scattered patches of crested wheatgrass currently unusable and unmanageable would be plowed and seeded to native species.

When a sagebrush community is scheduled for a mechanical manipulation, the following procedure would be followed: 1) a survey of the area to determine the importance of the community for wildlife, 2) a survey of the vegetation to determine the height and canopy cover of sagebrush, 3) an evaluation of the site potential of the area and if the vegetation response would benefit supplements. 4) no silver sagebrush would be treated, 5) all land treatments would follow the Memorandum of Understanding and supplements between BLM and Montana Department of Fish, Wildlife and Parks.

#### 5. Range Facilities

##### Fences

Fences in Alternatives A-E would be 3 or 4 wire (barbed) antelope-type fence. The type would also be used around fisheries reservoirs and streamside riparian zones.

##### Shade Sources

In Alternatives A, B, C and D slab fence 6-8 feet high in sections 25-30 feet long would be used to provide an alternate source of shade, drawing livestock from riparian zones thereby improving riparian vegetation.

##### Oilers, Salt and Minerals

In Alternatives A, B, C and D these would be located together and away from riparian zones. They would be located close enough to upland water sources to be used by livestock.

##### Snow Harvesting

This would be accomplished by three actions: planting vegetation strip barriers, constructing snow fences and by trapping snow in mechanically treated areas. Together, these actions are designed to stabilize water yield in watersheds modified by mechanical treatments on rangeland and increase vegetation and increase the water yield to downstream users. The first two methods would be systematically placed on landscapes to trap snow for spring snowmelt and runoff. Planting of deciduous shrubs (e.g. skunkbush sumac) and evergreens (Rocky Mountain Juniper) as strip barriers would trap snow and also be used as wildlife habitat. Snow fences would either be the wire and picket type or the larger wood slat fences which could also be used as a shade source for livestock.

Trapping snow in mechanically treated areas interseeded with grasses and alfalfa significantly increases moisture in furrows, producing extra vegetation for ground cover and grazing uses.

#### 6. Water Developments

##### Water Sources

These include wells, springs, pits and reservoirs proposed in Alternatives A, B, C and D. There would be one water source per reservoir. Mitigating measures would: (1) Sealing wells with bentonite and fencing livestock out where there are saline seeps or where seeps could be caused by reservoir construction. Quite determinations of the probability of saline seeps would be made prior to reservoir construction. Where livestock are excluded, tanks would be located away from the dam for watering, (2) Topsoil would be saved to place on the dam fill, (3) Water sources near woody vegetation in sharp-tailed habitat following Nielson's (1978) recommendations would be located carefully to protect sharp-tail habitat.

##### Water Quality

The water quality of stock water and fishing reservoirs on public lands would be managed to meet the state of Montana and federal water quality standards for the designed purpose of the reservoir. Methods to improve water quality include development of ANFs, mechanical treatments and grazing treatments that reduce grazing intensities and maintain vegetation cover on watersheds. Vegetation cover promotes water infiltration, reducing overland flow that carries sediment, nutrients, fecal bacteria and other water pollutants to surface water sources.

## 7. Chemical Control

### Noxious Weed Control

In Alternatives A, B, C and D, this would be accomplished with 2,4D and Tordon (Picloram) using hand-held sprayers because of the scattered patchy locations of the noxious weeds. Rough topography would require that part of the work be done with backpacks, although a pickup pumper rig would be used where possible. Several annual applications would be needed to affect control of leafy spurge.

### Prairie Dog Control

Zinc phosphide is presently the only toxicant approved for prairie dog control. It will be applied only by persons certified to apply restricted toxicants. All burrows, regardless of condition, are first prebaited with 4 grams (1 teaspoon) of untreated steam-rolled oats per mound. This is applied 1-2 days prior to baiting. After all of most of the prebait is eaten, zinc phosphide (1 treated bait is applied by hand as a 6 inch bait spot on the edge of all burrows. Application rate should not exceed 4 grams (1 teaspoon per bait spot). The treatment would be conducted during the late summer or fall period (July-December) and would only be applied once during this period.

Mechanical treatments would be proposed for rehabilitation of prairie dog towns on suitable soils following control.

## 8. Monitoring

Monitoring plans would be developed to ensure that resource objectives were met by ANFs. One major part of the monitoring would be benchmark or comparison areas of soils and vegetation. About 70 of these sites of good and excellent condition range representing the major soils have been located and sampled in 1978-80. These sites would be protected by the monitoring of range condition of the fencing of small areas (less than 2 acres).

## 9. Cultural Resources

### Methods of Range Improvements

The BLM recognizes that some of the proposals in the rangeland management program could affect historic and cultural properties. Because of this, BLM will consider environmental impact (EIS) statements of specific areas that could be impacted by range improvements prior to approval. If historic or cultural resources are found, every effort will be made to avoid adverse impacts. However, when this is not possible, BLM would consult with SHPO and the Advisory Council on Historic Preservation (AChO) in accordance with the *Programmatic Memorandum of Agreement* between BLM and AChO, dated January 14, 1980, (Appendix 4.2) which sets forth procedures for appropriate mitigative measures to lessen adverse impacts.

## 10. Procedures Used to Determine Impacts to Visual Resources

Impacts to visual quality in this EIS were determined through analysis of allowable management actions within the five visual management classes as they are defined in Bureau Manual 8405. The overall level of impact was determined by the full EIS interdisciplinary team during impact analysis. Projects were analyzed in term of their potential to create the following types of effects:

- A. Ground disturbance, including roads and trails, constructed for access and/or maintenance of the project.
- B. Creation of structures not homogenous to the visual scene.
- C. Color changes which occur from vegetative manipulations. This could be either removal of native vegetation or the introduction of additional non-native vegetation.
- D. Livestock concentration areas to include reservoirs and other water sources and the associated impacts of compaction, trampling and erosion.
- E. Grazing systems and the associated fence and fencing contracts.

Each type of impact was evaluated as to whether or not it would create a high, moderate or low contrast if it were done in each one of the four visual classes landscapes found in the Prairie Potholes EIS area. High contrasts would be created by those landscape changes that demand attention. They could not be overlooked. The contrast would be inharmonious to the basic scenery elements of line, form, color and texture. High contrast projects could not meet management class objectives without mitigation.

Moderate contrasts would be to attract attention and dominate the landscape. A project that would create a moderate contrast could only meet Class III and IV management objectives without mitigation.

Low contrasts might or might not dominate the scene, but because of the quality of the scenery or the size and scope of the project, it would meet all of the management class objectives.

This analysis assumes that the projects would be viewed from the foreground (up to one mile). The impacts to visual class would be rated at the time of the projects if no special mitigating measures are applied. Over time, nature might mitigate the impacts through revegetation. Also standard operating procedures would allow many projects to be accomplished within allowable visual class guidelines.

## 11. Leafy Spurge Computations

Without noxious weed control, 5,280 acres of public land in North Valley County would be infested by these species by 2003. This estimate was computed as follows:

- a. Assume constant rate of spread since first infestation in 1930s, i.e. from 0 to 8,555 total acres in 40 years (mid 1930s to 1975) and that BLM lands would be infested at same rate as other lands in the Rock Creek area of Valley County.
- b. Rate of spread was derived by plotting the known acreage in 1935 and 1975 and computing the annual rate of increase in a radius needed to reach the 1975 acreage. The radius expanded to 271.
- c. By this method it was determined that 24,000 acres would be infested by 2003. Assuming conservatively that public lands would continue to be infested at the same rate as nonpublic lands (in 1975, 22 percent of the total infested acreage was public land and the land ownership pattern in the area is mixed; infestations appear to be moving away from the already infested drainages which are mostly private land onto the uplands which are mostly public. It was computed that 5,280 public land acres would be infested by 2003 (24,000 acres  $\times .22 = 5,280$ ).

Productivity and grazing availability of native vegetation would be reduced by up to 75 percent on these 5,280 acres (Leafy Spurge Symposium, 1979, p. 23) by leafy spurge.

### Background Data

A computer printout of the acreage and range condition class of each soil series in each allotment provided the base for making predictions of improvement in range condition and productivity in response to management. The first step was to categorize each soil according to expected response to management; whether the soil would (1) improve with grazing management alone, (2) require treatments to improve, (3) be unresponsive to grazing management and not recommended for treatments. The basis for making these categories is explained in Chapter 3 (Vegetation & Soils) and details of recommended management practices and soil limitations can be found in Appendices 3.1 and 3.2. The soil series categories are as follows: (Numbers in parentheses are soil subgroups numbers).

A. Mechanical Treatments needed in combination with grazing treatments

(1) Bearpaw, Dooley, Joplin, Kevin, Phillips, Scooby, Telstad, Vida Williams. (2) Sloam, Teeny, Telette. (3) Delpoint, Doney, Lonna, Marmarth, Reeder. (8) Assinibone, Busby, Chinook, Coesberg, Parchall, Tally. (9) Attawap, Ben, Bitton, Brockway, Ewan, Farland, Farneuf, Flowerpot, Jeth, Kramlin, Lashbath, Macar, Martinsdale, Rodeval, Shaw, straw, Turner, Work, Yamas, Redvale. (10) Acel, Cherry, Ehrthridge, Linnet, Macar, Richay, Savage, Shaak. (11) Creed, Gerdum.

B. Respond to Crazing Treatments  
improve to next condition class  
in 15 years

(1) Sunburst, Hillion, Zahl, Zahli.  
 (3) Dilts, Julian, Teigen, (4) Abor,  
 Borkof, Bascovy, Dinyay, Lisan, Neldore  
 Norbert, Thabo, (5) Cabba, Yawdin,  
 Gabhart, Dast, Delpoint, Ermen, Rentsac,  
 Riedel, Twilight, (6) Bowdoin, Rentsa,  
 Glendive, Hayne, Harlen, Havrelton, Ki-  
 wanis, Korches, Karen, Lallie, Lardell,  
 Leibler, Nease, Kivra, Trempees (all  
 others in this group are 10)  
 (7) Blackbird, Blythe, Borkof, (8) Cade,  
 Crail, Mohr, Leathier, Lothair, Marrias,  
 Marven, Fendray, (12) Abshar, Adair,  
 (18) Belain, Hedenas, Lolo, (19) Cast-  
 er, Cheela, Libres, Pene, Wrenkle

C. Unsuited for Treatments,  
unresponsive to grazing  
management

(12) Nobe. (13) Waeda, Vanda.  
 (14) Beavercell, Beaverton, Tinsley,  
 Wabek, Windam. (15) Arcette, Belain,  
 Cowood, Elve, Gambler, Lola, Macmeal.  
 (4) Weingart, Repp, Sicklesteets,  
 Silverchek, Trapper, Warneke, White-  
 cow, Whitore.

Only subgroups 3 and 6 above are projected to improve to excellent under grazing management alone.

### 1. Livestock Allocation Computations

Once these soil categories were set up the following procedures were used to establish the allocation in the short and long term for each alternative. The order that the process was completed differs from the alphabetical order of the alternatives because calculations in A, B and D hinged on calculations done in C. An example of the calculations follows the narrative explanation.

#### Enhanced Livestock Forage (Alternative C)

Short Term - Used SCS recommended rate unless unique allotment situation invalidated the data.

Long Term - Current capacities for each series were determined and maintained or adjusted to the capacity of higher condition classes or the estimated capacity following treatment (scalding, seeding, fertilization, etc.) depending on soil capabilities and responses to grazing management. Capacities were according to SDS guides, estimates of increased forage due to treatments were based on literature (Byrnes, et al., 1978; Ryerson, Taylor and Moulton, 1974; Ryerson, Moulton and Wambolt, 1980; and Ryerson and Moulton, personal communication, 1980).

All acreage suited for treatments that could not be expected to improve under management alone was "treated". Production increases documented in the literature ranged from 150-500 percent but 200-250 percent was about average. In this procedure, fair and poor condition capacities were increased by 250 percent, good condition by 200 percent.

Values for increases due to treatments in each allotment were noted separately from natural increases. Fair and poor condition increases due to treatments were noted separately from treatment increases on soils in good condition.

#### Enhanced Combined Uses (Alternative A)

Short Term - Used current allocation. Long Term: A) If allotment was currently at or near 80 percent good and excellent condition (Objective 1, Range Management) and the potential for increased forage as determined in Alternative C, net or exceeded 22 percent of current levels (Objective 2, Range Management), current levels were multiplied by 1.22 to show a 22 percent increase in the long term. B) If range condition was less than 80 percent good and excellent, natural and treatment increases due to improvement from fair and poor to 80 percent good and excellent were added to current levels. This illustrated the increase forthcoming due to improvement in range condition to 80 percent good and excellent by grazing management and land treatments.

#### Enhanced Watershed and Wildlife (Alternative D)

Short term - AUMs during period April 1 to June 30 were computed and subtracted from current levels. If the allotment included valuable riparian areas the capacity of these areas was deducted, assuming that it would be fenced. Long term - In the long term the objective (Range Management No. 1) of 80 percent good condition would be met as explained in 4(b) above. Forage increases due to improvement in condition would be allocated at only 66 percent. Thus if an allotment was less than 80 percent good, the long term increase as computed in 4(b) was multiplied by .66 and added to the current allocation. If the allotment was already 80 percent good or excellent no change was made in the stocking level in the long term.

Continued Present Program (Alternative B)

The same short and long term values as Alternative A were used if allotment was selected as priority for AMP development; or was an existing AMP. Current allocations were continued if allotment was not selected for AMP.

#### No Livestock Grazing (Alternative E)

No livestock allocation in short or long term.

#### No Action (Alternative F)

Continuation of current allocations in short and long term.

### Range Condition Computations

The projected range condition acreages shown in Alternatives A, B, C, D are the summary of the acre in AMP allotments which (1) fall under the category B (above); with all acres in poor and fair improving to fair and good respectively and these acres in good condition in subgroups 3 and 6 (and 16 and 17 - which is included in 3 and 6) would improve to excellent. All acreage of natural improvement was adjusted by a factor of 80%, based on a judgment which allows for livestock preferred areas and any other factor which would limit achievement of 100% response under grazing. (2) treated acres in each alternative were derived as discussed above by alternative; projected condition in the long term is 75% excellent and 25% good.

APPENDIX 2.2: CONTINUED

In the No Livestock Grazing Alternative, range condition projections (as compared to grazing alternatives) were altered somewhat; (2) total acreage rather than AMP acreage was used (2) it was estimated that subgroups 3 and 6 would improve two condition classes (versus one under grazing) and that subgroup 4, 8, 10, 15 and 19 would improve to excellent from good (would stay in good under grazing).

The projections of long term range condition in the No Action (F) Alternative are based primarily on projections of the spread of noxious weeds and prairie dogs. The loss of forage due to these factors would result in deteriorated condition on other acres under a constant level of allocation. While it is impossible to accurately determine how many additional acres would deteriorate an estimate of 125,000 acres, about half of the acreage expected to be affected by prairie dogs and noxious weeds was made. For example, if 10% of an allotment was affected by prairie dogs and/or noxious weeds an additional 5% would also decline due to heavier grazing.

Example of Allocation Computations by Alternative (A, B, C and D): Hypothetical allotment X. Current livestock Allocation  
Allotment X 200 c 5/1 - 10/31 1,200 AUMs

Existing Capacity by Range Site Per SCS Grazing Guides:

|   |  |
|---|--|
| Phillips Soil (Silty Range Site) good condition<br>1,000 acres x .3 AUM/acre = 300 AUMs     | Elbow Soil (Clay pan Range Site) fair condition<br>1,000 acres x .12 AUM/acre = 120 AUMs       |
| Phillips Soil (Silty Range Site) fair condition<br>1,000 acres x .2 AUM/acre = 200 AUMs     | Sunburst Soil (Thin Clayey Range Site) fair condition<br>1,000 acres x .12 AUM/acre = 120 AUMs |
| Dilts Soil (Coarse Clay Range Site) Good condition<br>2,555 acres x .18 AUM/acre = 460 AUMs |  |
| Total Acres<br>6,555  | Excellent<br>0   |
|   | Good<br>3,505  |
|   | Fair<br>3,000  |
|   | Poor<br>0  |
|   | Unclassified<br>0  |

Alternative C

Step 1. Calculate AUMs due to mechanical treatments (2X for good, 2.5 X for fair)

Phillips, good condition 1,000 acres/300 AUMs = 300 AUMs X 2 = 600 AUMs following treatment (300 increase)  
Phillips, fair condition 1,000 acres/200 AUMs = 200 AUMs X 2.5 = 500 AUMs following treatment (300 increase)  
Elbow, fair condition 1,000 acres/120 AUMs = 120 AUMs X 2.5 = 300 AUMs following treatment (180 increase)

Total Acres Treated: 3,000 (75% excellent) Total AUM Increase: 780

Step 2. Calculate AUMs due to natural improvement

Sunburst, fair condition 1,000 acres/120 AUMs 80% would improve to good.  
1,000 X .8 = 800 X .18 AUMs/acre (capacity in good condition) = 144 AUMs. 144 - 120 = 24 AUM increase

Dilts, good condition 2,555 acre/460 AUMs 80% would improve to excellent.  
2,555 X .8 = 2,044 X .25 AUMs/acre (capacity in excellent condition) = 511 AUMs. 511 - 460 = 51 AUM increase.  
Total Acres improved = 2,844, increase in AUMs = 75

Summary (Step 3)

AUM increase - Mechanical 780 AUMs, Natural 75 AUMs Total AUMs: 1,200 + 780 + 75 = 2,055 (71% increase)

Range Condition Improved. Mechanical Treatments (3,000 acres) - 2,250 acres improved to excellent, 750 improved or maintained in good. Natural Increases: 800 acres improved from fair to good, 2,044 acres improved from good to excellent.

Long Term Result

|                          |                    |               |             |      |              |
|--------------------------|--------------------|---------------|-------------|------|--------------|
| Allotment Acres<br>6,555 | Excellent<br>4,394 | Good<br>2,061 | Fair<br>200 | Poor | Unclassified |
|--------------------------|--------------------|---------------|-------------|------|--------------|

Alternative A (and AMP Allotments in Alternative B)

Step 1. Use calculations done in C above to (1) see that there is potential for 22% increase in forage (in this example the potential for a 71% increase in forage was determined in C) (2) calculate AUMs accruing from improving the allotment to 80% good or better.

In this allotment if 900 acres of fair condition silty soils were mechanically treated, the objective of 80 good or better would be achieved. After natural improvements (C above) 100 acres silty, 1,000 acres claypan and 200 acres thin clayey would remain in fair condition. Fair condition would total 1,300 acres about 20% of the allotment acres.

Nine hundred acres of mechanical treatment on a fair condition silty site would result in the following AUM increase:  
900 acre X .2 (present capacity in AUMs/acre) = 180. 180 X 2.5 (increase due to treatment) = 450 - 180 = 270 AUM increase.  
270 divided by 1,200 (current AUMs) = 22.5% increase due to treatments.

Summary

AUM increase - mechanical 270, natural 75 = 345 (28.7% increase)

Range Condition Improved

|   |   |
|---|---|
| Mechanical Treatments (900 acres)         | Natural Increases                           |
| 675 acres improved from fair to excellent | 800 acres improved from fair to good        |
| 225 acres improved from fair to good      | 2,044 acres improved from good to excellent |
| 1,000 acres in good (no change)           |   |
| 100 acres in fair (no change)             |   |

Long Term Result

|                          |                    |               |               |      |              |
|--------------------------|--------------------|---------------|---------------|------|--------------|
| Allotment Acres<br>6,555 | Excellent<br>2,719 | Good<br>2,536 | Fair<br>1,300 | Poor | Unclassified |
|--------------------------|--------------------|---------------|---------------|------|--------------|

Alternative D

In this example, treatment acres needed to reach 80% good or better would be the same as proposed in A and B. Long term range condition would also be the same. AUMs would differ as follows.

1. Reduced due to no grazing 4/1 - 6/30 changes use from 200 c 5/1 - 10/31, 1,200 AUMs to 200 c 7/1 - 10/31, 800 AUMs
2. Long term increases are allocated at 33% utilization (AUM increases multiplied by .66).

Summary: AUM increase - mechanical 270 X .66 = 178, plus natural 75 X .66 = 50. Total increase 228  
Long term allocation 800 + 228 = 1,028 AUMs, 257 c 7/1 - 10/31, 1,028 AUMs

This process, in a much more complicated form due to more soil series than shown in the example, was repeated for each of the 512 AMP allotments.

### APPENDIX 2.3: ALLOTMENT SUMMARIES

This appendix summarizes current information on the allotments in the EIS area, including:

Allotment names and numbers

Management status

Allotment acres in excellent, good, fair, poor and unsuitable condition

Numbers of grazing animals

Seasons of use

Current AUMs

Recommended stocking rates (AUMs)

Potential forage production

Allocations by alternative

These abbreviations are used in this appendix:

| <u>MANAGEMENT STATUS (MGT. STS.)</u> | <u>GRAZING ANIMALS</u> |
|--------------------------------------|------------------------|
|--------------------------------------|------------------------|

|                   |              |
|-------------------|--------------|
| P - Proposed AMPs | No. - Number |
|-------------------|--------------|

|              |             |
|--------------|-------------|
| N - Non-AMPs | CLS - Class |
|--------------|-------------|

|                   |            |
|-------------------|------------|
| E - Existing AMPs | C - Cattle |
|-------------------|------------|

| HARVE RESOURCE AREA PROPOSED AMPS (NOT PROPOSED IN ALTERNATIVE 8) |                      |            |        |           |       |       |        |        |        |                 | GRAZING ANIMALS |       |                  |                    |                        |                               |                             |                   |
|---|----------------------|------------|--------|-----------|-------|-------|--------|--------|--------|-----------------|-----------------|-------|------------------|--------------------|------------------------|-------------------------------|-----------------------------|-------------------|
| ALLOT.<br>NO.   | ALLOTMENT<br>NAME    | MGT<br>NO. | ACRES  | EXCELLENT |       |       | GOOD   |        |        | RANGE CONDITION |                 |       | POOR<br>BLM<br>0 | POOR<br>OTHER<br>0 | UNSUITABLE<br>BLM<br>0 | UNSUITABLE<br>OTHER<br>0      | RED<br>BLM<br>0             | RED<br>OTHER<br>0 |
|   |                      |            |        | BLM       | OTHER | BLM   | BLM    | OTHER  | BLM    | OTHER           | BLM             | OTHER |                  |                    |                        |                               |                             |                   |
| 6001  | North West           | P          | 2603.6 | 6784.0    | 0     | 0     | 1732.0 | 3150.2 | 871.6  | 3633.8          | 0               | 0     | 0                | 0                  | 0                      | 0                             | 265<br>10 AN<br>5 DM        |                   |
| 6005  | Davies Ranch         | P          | 6073.2 | 673.0     | 0     | 0     | 5047.9 | 650.1  | 984.4  | 22.9            | 40.9            | 0     | 0                | 0                  | 0                      | 0                             | 90<br>230<br>24 AN<br>13 DM |                   |
| 6007  | Lyons Creek          | P          | 1835.4 | 1162.0    | 0     | 0     | 1431.7 | 821.1  | 403.7  | 340.9           | 0               | 0     | 0                | 0                  | 0                      | 100<br>7 AN<br>5 DM           |                             |                   |
| 6008  | Canada-line          | P          | 1991.8 | 1017.1    | 0     | 16.0  | 1991.8 | 999.9  | 0      | 0               | 0               | 0     | 0                | 0                  | 0                      | 200<br>8 AN<br>4 DM           |                             |                   |
| 6009  | Meridian             | P          | 594.4  | 604.9     | 0     | 0     | 594.4  | 604.9  | 0      | 0               | 0               | 0     | 0                | 0                  | 0                      | 90<br>3 AN<br>1 DM            |                             |                   |
| 6013  | Reservoir Allotment  | P          | 1024.4 | 2591.2    | 0     | 0     | 770.6  | 2481.2 | 253.8  | 12.0            | 0               | 0     | 0                | 0                  | 0                      | 98.0<br>72 CA<br>4 AN<br>2 DM |                             |                   |
| 6017  | Simsons              | P          | 798.7  | 1932.3    | 0     | 0     | 272.6  | 984.9  | 526.1  | 967.4           | 0               | 0     | 0                | 0                  | 0                      | 61 CA<br>3 AN<br>3 DM         |                             |                   |
| 6021  | Customs              | P          | 813.8  | 1123.4    | 0     | 0     | 813.8  | 1123.4 | 0      | 0               | 0               | 0     | 0                | 0                  | 0                      | 62 CA<br>4 AN<br>1 DM         |                             |                   |
| 6027  | Anderson             | P          | 879.4  | 79.8      | 0     | 0     | 559.7  | 79.8   | 319.7  | 0               | 0               | 0     | 0                | 0                  | 0                      | 52 CA<br>1 AN<br>1 DM         |                             |                   |
| 6029  | Sands-Davies Common  | P          | 1581.0 | 322.4     | 0     | 0     | 560.1  | 228.6  | 1020.9 | 93.8            | 0               | 0     | 0                | 0                  | 0                      | 92 CA<br>6 AN<br>1 DM         |                             |                   |
| 6030  | McClaren             | P          | 1125.4 | 604.7     | 0     | 0     | 1125.4 | 604.7  | 0      | 0               | 0               | 0     | 0                | 0                  | 0                      | 59 CA<br>5 AN<br>2 DM         |                             |                   |
| 6031  | Corner               | P          | 1246.6 | 811.1     | 0     | 0     | 1246.6 | 811.1  | 0      | 0               | 0               | 0     | 0                | 0                  | 0                      | 45 CA<br>5 AN<br>4 DM         |                             |                   |
| 6033  | Corral Creek         | P          | 2399.2 | 2775.3    | 28.0  | 0     | 787.3  | 1138.3 | 1583.9 | 1637.0          | 0               | 0     | 0                | 0                  | 0                      | 180 CA<br>9 AN<br>3 DM        |                             |                   |
| 6035  | Upper Corral         | P          | 1751.4 | 3036.7    | 0     | 0     | 1253.4 | 3029.2 | 491.1  | 2.0             | 0               | 0     | 6.9              | 5.5                | 286 CA<br>7 AN<br>4 DM |                               |                             |                   |
| 6037  | Little Cherry        | P          | 597.3  | 39.8      | 0     | 0     | 597.3  | 39.8   | 0      | 0               | 0               | 0     | 0                | 0                  | 0                      | 33 CA<br>3 AN<br>3 DM         |                             |                   |
| 6039  | Haugo                | P          | 1766.4 | 8189.9    | 0     | 0     | 1410.3 | 7765.3 | 330.6  | 183.4           | 0               | 0     | 25.5             | 241.2              | 84 CA<br>7 AN<br>6 DM  |                               |                             |                   |
| 6040  | Diagonal             | P          | 1241.6 | 2232.2    | 0     | 0     | 936.9  | 1513.2 | 281.4  | 112.7           | 0               | 0     | 23.3             | 606.3              | 62 CA<br>5 AN<br>4 DM  |                               |                             |                   |
| 6041  | Cherry Ridge         | P          | 965.3  | 5169.4    | 250.7 | 119.8 | 655.4  | 4108.1 | 55.7   | 884.3           | 0               | 0     | 3.5              | 57.2               | 24 CA<br>4 AN<br>3 DM  |                               |                             |                   |
| 6043  | Murray Coulee        | P          | 790.6  | 119.9     | 0     | 0     | 436.6  | 119.9  | 354.0  | 0               | 0               | 0     | 0                | 0                  | 50 CA<br>3 AN<br>3 DM  |                               |                             |                   |
| 6046  | Jergensen Co.        | P          | 1846.3 | 3240.3    | 0     | 0     | 731.1  | 1605.8 | 1115.2 | 1341.5          | 0               | 0     | 0                | 0                  | 0                      | 180 CA<br>8 AN<br>8 DM        |                             |                   |
| 6048  | Lodge Creek          | P          | 1189.9 | 928.3     | 0     | 0     | 209.9  | 0      | 980.0  | 662.3           | 0               | 0     | 0                | 266.0              | 38 CA<br>5 AN<br>3 DM  |                               |                             |                   |
| 6050  | Trails End           | P          | 958.9  | 40.0      | 0     | 0     | 0      | 0      | 958.9  | 40.0            | 0               | 0     | 0                | 0                  | 0                      | 23 CA<br>2 AN<br>1 AN<br>6 DM |                             |                   |
| 6051  | Tee Trail            | P          | 799.8  | 794.4     | 0     | 0     | 648.5  | 792.4  | 151.3  | 2.0             | 0               | 0     | 0                | 0                  | 0                      | 42 CA<br>3 AN<br>3 DM         |                             |                   |
| 6052  | North Chinook Common | P          | 1436.3 | 572.5     | 0     | 0     | 405.8  | 51.9   | 954.6  | 245.7           | 75.9            | 274.9 | 0                | 0                  | 0                      | 27 CA<br>6 AN<br>4 DM         |                             |                   |
| 6053  | Marker               | P          | 539.3  | 0         | 0     | 0     | 116.0  | 0      | 423.3  | 0               | 0               | 0     | 0                | 0                  | 0                      | 38 CA<br>2 AN<br>1 DM         |                             |                   |

| SEASON<br>OF 798   | CURRENT<br>AUM's<br>BLN | REC. STOCKING<br>RATE/AUM's<br>BLN | POTEN. FORAGE<br>PRODUCTION<br>BLN | ALTERNATIVE A<br>ENROLLMENT<br>PERCENT. OF<br>REG. USED |       | ALTERNATIVE B<br>ENROLLMENT<br>PERCENT. OF<br>REG. USED |       | ALTERNATIVE C<br>ENROLLMENT<br>PERCENT. OF<br>REG. USED |      | ALTERNATIVE D<br>ENROLLMENT<br>PERCENT. OF<br>REG. USED |      | ALTERNATIVE E<br>NO. LIVESTOCK<br>BLN |     | ALTERNATIVE F<br>NO ACTION<br>BLN |    |     |
|--|-------------------------|------------------------------------|------------------------------------|---|-------|---|-------|---|------|---|------|---------------------------------------|-----|-----------------------------------|----|-----|
|  |                         |                                    |                                    | REG.  | OTHER | REG.  | OTHER | REG.  | LT   | REG.  | LT   | REG.                                  | LT  | REG.                              | LT |     |
| 06/15-11/15<br>04/01-03/31<br>04/01-03/31                | 528                     | 1307                               | 609                                | 1474  | 914   | 2373  | 528   | 642   | 528  | 528   | 609  | 1342                                  | 476 | 554                               | 0  | 528 |
| 05/05-09/22<br>07/03-07/18<br>04/01-03/31<br>04/01-03/31 | 1140                    | 125                                | 1538                               | 185   | 2189  | 250   | 1140  | 1391  | 1140 | 1140  | 1538 | 2666                                  | 981 | 986                               | 0  | 0   |
| 04/01-03/31<br>04/01-03/31<br>04/01-03/31                | 325                     | 164                                | 456                                | 281   | 663   | 420   | 325   | 397   | 325  | 325   | 456  | 826                                   | 168 | 197                               | 0  | 0   |
| 07/01-09/30<br>04/01-03/31<br>04/01-03/31                | 367                     | 254                                | 534                                | 279   | 715   | 372   | 367   | 448   | 367  | 367   | 534  | 909                                   | 367 | 367                               | 0  | 0   |
| 06/01-08/25<br>04/01-03/31<br>04/01-03/31                | 163                     | 239                                | 146                                | 150   | 195   | 202   | 163   | 233   | 163  | 163   | 163  | 300                                   | 56  | 56                                | 0  | 0   |
| 05/01-01/31<br>04/01-03/31<br>04/01-03/31                | 223                     | 493                                | 253                                | 678   | 368   | 910   | 223   | 276   | 223  | 223   | 253  | 626                                   | 178 | 213                               | 0  | 0   |
| 06/01-08/31<br>04/01-03/31<br>04/01-03/31                | 153                     | 242                                | 160                                | 464   | 280   | 749   | 153   | 300   | 153  | 153   | 160  | 384                                   | 123 | 220                               | 0  | 0   |
| 06/16-10/06<br>04/01-03/31<br>04/01-03/31                | 157                     | 73                                 | 238                                | 329   | 318   | 440   | 157   | 192   | 157  | 157   | 238  | 445                                   | 136 | 136                               | 0  | 0   |
| 06/01-08/29<br>04/01-03/31<br>04/01-03/31                | 142                     | 48                                 | 225                                | 23  | 341   | 31  | 142   | 179   | 142  | 142   | 225  | 440                                   | 103 | 127                               | 0  | 0   |
| 06/01-10/10<br>04/01-03/31<br>04/01-03/31                | 316                     | 200                                | 326                                | 72  | 554   | 106   | 316   | 500   | 316  | 316   | 526  | 669                                   | 230 | 351                               | 0  | 0   |
| 04/16-07/13<br>04/01-03/31<br>04/01-03/31                | 200                     | 103                                | 296                                | 151   | 397   | 203   | 200   | 244   | 200  | 200   | 296  | 574                                   | 103 | 103                               | 0  | 0   |
| 04/01-02/28<br>04/01-03/31<br>04/01-03/31                | 225                     | 238                                | 354                                | 248   | 473   | 329   | 225   | 275   | 225  | 225   | 354  | 728                                   | 139 | 204                               | 0  | 0   |
| 05/10-09/19<br>04/01-03/31<br>04/01-03/31                | 463                     | 775                                | 636                                | 586   | 1106  | 966   | 463   | 746   | 463  | 463   | 636  | 1236                                  | 350 | 537                               | 0  | 0   |
| 06/15-09/24<br>04/01-03/31<br>04/01-03/31                | 321                     | 580                                | 395                                | 758   | 579   | 1020  | 321   | 392   | 321  | 321   | 395  | 791                                   | 264 | 290                               | 0  | 0   |
| 05/01-07/30<br>04/01-03/31<br>04/01-03/31                | 91                      | 7                                  | 155                                | 10  | 208   | 14  | 91    | 111   | 91   | 91  | 155  | 268                                   | 30  | 30                                | 0  | 0   |
| 03/01-02/28<br>04/01-03/31<br>04/01-03/31                | 396                     | 1332                               | 451                                | 2170  | 649   | 2954  | 396   | 483   | 396  | 396   | 451  | 816                                   | 319 | 319                               | 0  | 0   |
| 05/17-02/28<br>04/01-03/31<br>04/01-03/31                | 335                     | 279                                | 300                                | 414   | 438   | 572   | 335   | 409   | 335  | 335   | 300  | 450                                   | 304 | 324                               | 0  | 0   |
| 05/15-10/12<br>04/01-03/31<br>04/01-03/31                | 181                     | 994                                | 339                                | 1388  | 409   | 1950  | 181   | 221   | 181  | 181   | 339  | 451                                   | 132 | 132                               | 0  | 0   |
| 05/01-09/30<br>04/01-03/31<br>04/01-03/31                | 216                     | 40                                 | 212                                | 37  | 328   | 49  | 216   | 298   | 216  | 216   | 212  | 387                                   | 215 | 269                               | 0  | 0   |
| 05/13-08/09<br>04/01-03/31<br>04/01-03/31                | 324                     | 209                                | 390                                | 792   | 654   | 1221  | 324   | 509   | 324  | 324   | 390  | 847                                   | 156 | 278                               | 0  | 0   |
| 03/01-02/28<br>04/01-03/31<br>04/01-03/31                | 242                     | 573                                | 266                                | 124   | 486   | 247   | 242   | 957   | 242  | 242   | 266  | 570                                   | 172 | 644                               | 0  | 0   |
| 05/01-11/30<br>03/01-10/30<br>04/01-03/31                | 175                     | 7                                  | 164                                | 7   | 328   | 13  | 175   | 257   | 175  | 175   | 164  | 273                                   | 125 | 176                               | 0  | 0   |
| 05/01-02/30<br>04/01-03/31<br>04/01-03/31                | 154                     | 16                                 | 218                                | 215   | 309   | 289   | 154   | 1PP   | 154  | 154   | 218  | 384                                   | 68  | 86                                | 0  | 0   |
| 05/01-09/30<br>04/01-03/31<br>04/01-03/31                | 339                     | 69                                 | 273                                | 81  | 500   | 210   | 339   | 511   | 339  | 339   | 273  | 606                                   | 294 | 408                               | 0  | 0   |
| 05/01-06/24<br>04/01-03/31<br>04/01-03/31                | 102                     | 0                                  | 113                                | 0   | 199   | 0   | 102   | 174   | 102  | 102   | 113  | 224                                   | 18  | 66                                | 0  | 0   |

## HAVRE RESOURCE AREA PROPOSED ANDs CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME         | MGT<br>SIS | BLM<br>BLM | ACRES<br>OTHER | EXCELLENT |       | GOOD   |         | RANGE CONDITION |        | POOR |       | UNSUITABLE |        | GRAZING<br>ANIMALS                                     |                           |
|---------------|---------------------------|------------|------------|----------------|-----------|-------|--------|---------|-----------------|--------|------|-------|------------|--------|--|---------------------------|
|               |                           |            |            |                | BLM       | OTHER | BLM    | OTHER   | BLM             | OTHER  | BLM  | OTHER | BLM        | OTHER  | BLM  | OTHER                     |
| 6056          | Dry Fork                  | P          | 1630.4     | 624.4          | 0         | 0     | 318.6  | 173.9   | 1316.8          | 447.1  | 0    | 0     | 1.0        | 3.2    | 88   | CA<br>6<br>3<br>DN        |
| 6057          | Oil Well                  | P          | 4808.4     | 7291.5         | 0         | 0     | 3275.0 | 6099.7  | 1515.3          | 1118.9 | 10.9 | 0     | 7.2        | 72.9   | 250  | CA<br>17<br>12<br>DN      |
| 6058          | Pothole                   | P          | 3978.3     | 8972.5         | 0         | 0     | 3978.2 | 8912.2  | 0               | 0      | 0    | 0     | 0.1        | 60.3   | 675  | CA<br>14<br>8<br>DN       |
| 6060          | North Madish              | P          | 638.9      | 318.8          | 0         | 0     | 638.9  | 318.8   | 0               | 0      | 0    | 0     | 0          | 0      | 111  | CA<br>3<br>1<br>DN        |
| 6066          | Hermer                    | P          | 1455.3     | 638.8          | 0         | 0     | 5.7    | 131.7   | 1447.2          | 487.1  | 0    | 0     | 2.4        | 20.0   | 315  | CA<br>6<br>4<br>DN        |
| 6072          | Red Rock Coules           | P          | 1122.0     | 1504.2         | 0         | 0     | 1055.0 | 1166.2  | 25.0            | 114.8  | 0    | 0     | 42.0       | 223.2  | 102  | CA<br>4<br>3<br>DN        |
| 6083          | Battle Creek              | P          | 1419.4     | 2575.9         | 0         | 0     | 1126.4 | 2097.8  | 133.5           | 347.7  | 0    | 0     | 159.5      | 130.4  | 160  | CA<br>6<br>8<br>8<br>DN   |
| 6086          | Salmo                     | P          | 2014.5     | 843.1          | 0         | 0     | 1693.3 | 834.8   | 130.0           | 0      | 0    | 0     | 191.2      | 8.3    | 122  | CA<br>3<br>76<br>10<br>DN |
| 6087          | North Coal Coules         | P          | 1815.6     | 3049.2         | 0         | 0     | 964.1  | 1690.9  | 850.2           | 1346.5 | 0    | 0     | 1.3        | 11.8   | 125  | CA<br>6<br>3<br>DN        |
| 6088          | West Coal Coules          | P          | 639.8      | 79.7           | 0         | 0     | 6.9    | 0       | 632.9           | 79.7   | 0    | 0     | 0          | 0      | 80   | CA<br>3<br>2<br>DN        |
| 6090          | Big Long                  | P          | 1982.6     | 4312.4         | 0         | 0     | 1053.3 | 3714.0  | 929.3           | 487.4  | 0    | 0     | 0          | 0      | 111.0  | 130 CA<br>8<br>5<br>DN    |
| 6091          | Two Step                  | P          | 913.6      | 3601.6         | 0         | 0     | 903.3  | 2257.3  | 0               | 0      | 0    | 0     | 10.3       | 1344.3 | 115  | CA<br>4<br>3<br>DN        |
| 6092          | Road Bend                 | P          | 1148.9     | 824.0          | 0         | 0     | 1083.9 | 824.0   | 0               | 0      | 0    | 0     | 65.0       | 0      | 83   | CA<br>5<br>2<br>DN        |
| 6095          | Fauly Pasture             | P          | 1991.7     | 3644.1         | 0         | 0     | 1790.4 | 3505.7  | 0               | 0      | 0    | 0     | 201.3      | 138.4  | 250  | CA<br>8<br>9<br>DN        |
| 6101          | Medic                     | P          | 1783.4     | 1126.0         | 0         | 0     | 681.1  | 806.2   | 1042.3          | 319.8  | 0    | 0     | 60.0       | 0      | 181  | CA<br>1<br>4<br>DN        |
| 6103          | North Refuge              | P          | 598.7      | 88.6           | 0         | 0     | 311.0  | 88.6    | 282.4           | 0      | 0    | 0     | 5.3        | 0      | 155  | CA<br>1<br>2<br>DN        |
| 6105          | Little Jewel              | P          | 319.5      | 639.8          | 0         | 0     | 204.9  | 624.9   | 114.7           | 14.9   | 0    | 0     | 0          | 0      | 5  | CA<br>1<br>1<br>1<br>DN   |
| 6107          | Liese-Van Voast<br>Canton | P          | 2706.2     | 2543.4         | 0         | 0     | 2231.8 | 1695.7  | 390.9           | 785.6  | 4.0  | 10.0  | 79.5       | 52.1   | 205  | CA<br>2<br>12<br>DN       |
| 6119          | Lower Wayne Creek         | P          | 7050.8     | 14762.9        | 0         | 0     | 5839.2 | 13000.1 | 876.2           | 1542.6 | 0    | 0     | 335.4      | 220.2  | 133<br>233<br>108<br>114<br>51<br>215<br>4<br>25<br>DN |                           |
| 6120          | Willie Allotment          | P          | 1630.7     | 2988.8         | 0         | 0     | 1593.5 | 690.8   | 0               | 0      | 0    | 0     | 37.2       | 2298.0 | 160  | CA<br>1<br>6<br>DN        |
| 6121          | Enclosure                 | P          | 1480.2     | 1356.6         | 0         | 0     | 1478.2 | 895.6   | 0               | 0      | 0    | 0     | 2.0        | 461.0  | 131  | CA<br>1<br>3<br>DN        |
| 6122          | Black Creek               | P          | 1119.7     | 3088.2         | 0         | 0     | 880.2  | 2029.5  | 234.8           | 936.0  | 0    | 0     | 4.7        | 122.7  | 200  | CA<br>1<br>5<br>DN        |
| 6123          | Finger Lakes              | P          | 1793.8     | 0              | 0         | 0     | 1187.1 | 0       | 606.7           | 0      | 0    | 0     | 0          | 0      | 600  | CA<br>1<br>3<br>DN        |
| 6125          | Matador                   | P          | 1385.9     | 1675.7         | 0         | 0     | 1277.6 | 1542.2  | 106.6           | 133.0  | 0    | 0     | 1.7        | 0.5    | 120  | CA<br>1<br>4<br>DN        |

| STATION<br>OF USE | CURRENT<br>ALMS | REC-STOCKING |       | POTEN. FORAGE<br>PRODUCTION |       | ALTERNATIVE A<br>SHRUB/COMBINED<br>VEG. USES |       | ALTERNATIVE B<br>CONT. OF<br>PRESENT MGT. |      | ALTERNATIVE C<br>ENHANCED<br>LIVST. FORAGE |      | ALTERNATIVE D<br>ENHANCED<br>WATER/WILDLIFE |      | ALTERNATIVE E<br>NO LIVST. FORAGE<br>GRAZING |    | ALTERNATIVE F<br>NO ACTION |      |      |
|-------------------|-----------------|--------------|-------|-----------------------------|-------|--|-------|---|------|--|------|---|------|--|----|----------------------------|------|------|
|                   |                 | BLM          | OTHER | BLM                         | OTHER | BLM  | OTHER | ST  | LT   | ST   | LT   | ST  | LT   | ST   | LT | ST                         | LT   |      |
| 03/01-06/30       | 333             | 180          | 299   | 102                         | 537   | 183  | 333   | 538                                       | 333  | 299  | 575  | 235   | 390  | 0  | 0  | 333                        | 333  |      |
| 04/01-03/31       | 7               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 05/01-11/18       | 1019            | 1257         | 1103  | 1779                        | 1647  | 2504   | 1019  | 1243                                      | 1019 | 1103                                       | 2134 | 794   | 802  | 0  | 0  | 1019                       | 1019 |      |
| 04/01-03/31       | 2               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 29              |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 07/17-10/20       | 1131            | 1195         | 1039  | 2170                        | 1396  | 2923   | 1131  | 1380                                      | 1131 | 1039                                       | 1980 | 1131  | 1131 | 0  | 0  | 1131                       | 1131 |      |
| 04/01-03/31       | 5               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 2               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 05/20-07/20       | 120             | 107          | 160   | 84                          | 215   | 113  | 120   | 146                                       | 120  | 160  | 336  | 40  | 40   | 0  | 0  | 120                        | 120  |      |
| 04/01-03/31       | 5               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 2               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 06/20-08/01       | 302             | 140          | 260   | 108                         | 518   | 196  | 302   | 789                                       | 302  | 302  | 260  | 868   | 224  | 545  | 0  | 0                          | 302  | 302  |
| 04/01-03/31       | 9               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 10              |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 05/16-09/27       | 252             | 301          | 304   | 364                         | 410   | 501  | 252   | 307                                       | 252  | 304  | 569  | 182   | 183  | 0  | 0  | 252                        | 252  |      |
| 04/01-03/31       | 6               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 7               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 06/01-09/14       | 196             | 391          | 257   | 513                         | 358   | 720  | 196   | 239                                       | 196  | 196  | 257  | 274   | 143  | 144  | 0  | 0                          | 196  | 196  |
| 04/01-11/30       | 6               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 12/01-03/31       | 45              |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 19              |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 06/01-09/15       | 309             | 82           | 388   | 213                         | 537   | 286  | 309   | 375                                       | 309  | 309  | 388  | 520   | 211  | 216  | 0  | 0                          | 309  | 309  |
| 04/01-11/30       | 8               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 12/01-03/31       | 40              |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 24              |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 05/15-11/31       | 343             | 634          | 407   | 649                         | 648   | 1030   | 343   | 457                                       | 343  | 343  | 407  | 1741  | 276  | 351  | 0  | 0                          | 343  | 343  |
| 04/01-03/31       | 9               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 12              |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 03/20-07/19       | 151             | 226          | 125   | 15                          | 248   | 30   | 151   | 278                                       | 151  | 151  | 125  | 386   | 107  | 191  | 0  | 0                          | 151  | 151  |
| 04/01-03/31       | 5               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 5               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/25-09/23       | 421             | 925          | 431   | 1041                        | 685   | 1454   | 421   | 554                                       | 421  | 421  | 431  | 866   | 332  | 420  | 0  | 0                          | 421  | 421  |
| 04/01-03/31       | 13              |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/02-03/31       | 12              |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 10/25-04/30       | 180             | 537          | 246   | 589                         | 329   | 791  | 180   | 220                                       | 180  | 180  | 246  | 415   | 180  | 180  | 0  | 0                          | 180  | 180  |
| 04/01-03/31       | 6               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 7               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 05/01-09/24       | 249             | 167          | 273   | 212                         | 368   | 285  | 249   | 304                                       | 249  | 249  | 273  | 519   | 149  | 149  | 0  | 0                          | 249  | 249  |
| 04/01-03/31       | 8               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 5               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 06/15-07/24       | 341             | 673          | 430   | 893                         | 578   | 1196   | 341   | 416                                       | 341  | 341  | 430  | 631   | 289  | 297  | 0  | 0                          | 341  | 341  |
| 04/01-03/31       | 13              |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 22              |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 05/01-08/31       | 404             | 207          | 433   | 298                         | 726   | 441  | 404   | 606                                       | 404  | 404  | 433  | 876   | 165  | 298  | 0  | 0                          | 404  | 404  |
| 04/01-03/31       | 2               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 10              |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 07/28-08/25       | 127             | 23           | 67    | 11                          | 133   | 22   | 127   | 160                                       | 127  | 127  | 67   | 176   | 127  | 149  | 0  | 0                          | 127  | 127  |
| 04/01-03/31       | 2               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 5               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 03/01-02/28       | 64              | 0            | 87    | 182                         | 134   | 246  | 64    | 79  | 64   | 64   | 87   | 175   | 44   | 54   | 0  | 0                          | 64   | 64   |
| 04/01-03/31       | 2               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 2               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/20-11/25       | 595             | 562          | 632   | 571                         | 894   | 865  | 595   | 726                                       | 595  | 595  | 632  | 969   | 348  | 348  | 0  | 0                          | 595  | 595  |
| 04/02-03/31       | 3               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 29              |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 05/16-09/30       | 1125            | 3029         | 1540  | 3760                        | 2156  | 5204   | 1125  | 1373                                      | 1125 | 1125                                       | 1540 | 2444  | 705  | 717  | 0  | 0                          | 1125 | 1125 |
| 05/01-08/31       | 11              |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 11/01-12/31       | 18              |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 06/01-09/30       | 0               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/02-06/15       | 0               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/02-03/31       | 6               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 60              |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 05/15-08/06       | 315             | 123          | 428   | 167                         | 574   | 260  | 315   | 604                                       | 315  | 315  | 428  | 748   | 75   | 75   | 0  | 0                          | 315  | 315  |
| 04/01-03/31       | 2               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 14              |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 05/25-10/09       | 328             | 0            | 470   | 294                         | 629   | 393  | 328   | 400                                       | 328  | 328  | 470  | 698   | 171  | 171  | 0  | 0                          | 328  | 328  |
| 04/01-03/31       | 2               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 7               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 05/15-10/14       | 266             | 752          | 430   | 941                         | 601   | 1387   | 266   | 325                                       | 266  | 266  | 430  | 649   | 186  | 197  | 0  | 0                          | 266  | 266  |
| 04/01-03/31       | 2               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 12              |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 07/06-09/08       | 375             | 0            | 502   | 0                           | 739   | 0  | 375   | 458                                       | 375  | 375  | 502  | 951   | 375  | 415  | 0  | 0                          | 375  | 375  |
| 04/01-03/31       | 2               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 7               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/16-09/16       | 279             | 244          | 342   | 515                         | 468   | 700  | 279   | 340                                       | 279  | 279  | 342  | 682   | 120  | 120  | 0  | 0                          | 279  | 279  |
| 04/01-03/31       | 2               |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |
| 04/01-03/31       | 10              |              |       |                             |       |  |       |   |      |  |      |   |      |  |    |                            |      |      |

| NAVARRE RESOURCE AREA PROPOSED ANP, CONTINUED |                    |            |        |         |           |       |        |         |                 |        |                        |  |        |                         |
|---|--------------------|------------|--------|---------|-----------|-------|--------|---------|-----------------|--------|------------------------|--|--------|-------------------------|
| ALLOT.<br>NO.                                 | ALLOTMENT<br>NAME  | NFT<br>STS | ACRES  |         | EXCELLENT |       | GOOD   |         | RANGE CONDITION |        | UNSUITABLE<br>BLM<br>0 | GRAZING<br>ANIMALS<br>NO.<br>BLKS<br>CA<br>2<br>1<br>11<br>AN<br>5<br>DM<br>18<br>ER |        |                         |
|   |                    |            | BLM    | OTHER   | BLM       | OTHER | BLM    | OTHER   | BLM             | OTHER  |                        |  |        |                         |
| 6129  | Liane              | P          | 5733.2 | 100.5   | 5261.4    | 100.5 | 463.4  | 0       | 0               | 0      | 8.4                    | 0  |        |                         |
| 6131  | Drake Creek        | P          | 1926.7 | 7357.3  | 0         | 0     | 1794.7 | 6273.6  | 84.3            | 950.1  | 0                      | 0  | 47.7   | 143.6                   |
| 6132  | Milk Creek         | P          | 2208.1 | 13003.0 | 0         | 0     | 1733.3 | 10070.2 | 470.6           | 2613.7 | 0                      | 0  | 4.2    | 319.1                   |
| 6133  | Kubitsa            | P          | 762.6  | 2725.7  | 0         | 0     | 759.8  | 2449.0  | 0               | 210.3  | 0                      | 52.0   | 2.8    | 14.4                    |
| 6134  | Coburg             | P          | 1499.4 | 1850.2  | 0         | 0     | 1428.9 | 1790.3  | 0               | 16.0   | 0                      | 0  | 70.5   | 43.9                    |
| 6136  | Junction           | P          | 3461.3 | 4507.9  | 0         | 0     | 3385.8 | 3581.9  | 68.9            | 242.9  | 0                      | 0  | 6.6    | 683.1                   |
| 6137  | Eureka             | P          | 1637.9 | 3570.9  | 0         | 0     | 1137.4 | 2569.5  | 450.5           | 907.6  | 0                      | 0  | 50.0   | 93.8                    |
| 6159  | Myrtle Butte       | P          | 1134.4 | 0       | 0         | 0     | 583.9  | 0       | 462.7           | 0      | 0                      | 0  | 87.8   | 0                       |
| 6160  | North McGuire      | P          | 857.8  | 0       | 0         | 0     | 235.3  | 0       | 568.4           | 0      | 0                      | 0  | 54.1   | 0                       |
| 6175  | Warrick Junction   | P          | 658.7  | 0       | 0         | 0     | 278.8  | 0       | 151.4           | 0      | 0                      | 0  | 228.5  | 0                       |
| 6228  | Fort               | P          | 119.9  | 680.7   | 0         | 0     | 119.9  | 650.7   | 0               | 30.0   | 0                      | 0  | 0      | 0                       |
| 6229  | Guide              | P          | 479.2  | 126.7   | 178.9     | 0     | 100.8  | 126.7   | 199.5           | 0      | 0                      | 0  | 0      | 0                       |
| 6233  | Airstrip           | P          | 2607.2 | 2683.6  | 0         | 0     | 1722.5 | 2370.1  | 880.9           | 312.9  | 0                      | 0  | 3.8    | 0.6                     |
| 6234  | Quarter            | P          | 226.4  | 28.9    | 0         | 0     | 179.5  | 28.9    | 46.9            | 0      | 0                      | 0  | 0      | 0                       |
| 6235  | Tule Lake          | P          | 3214.4 | 7615.2  | 0         | 0     | 2792.8 | 6103.9  | 403.0           | 1428.4 | 0                      | 0  | 19.0   | 81.9                    |
| 6236  | South              | P          | 1524.8 | 473.3   | 0         | 0     | 1524.8 | 473.5   | 0               | 0      | 0                      | 0  | 0      | 0                       |
| 6239  | West Forgesy Creek | P          | 3719.7 | 8440.3  | 0         | 0     | 3369.7 | 8328.7  | 10.0            | 0      | 0                      | 0  | 340.0  | 111.6                   |
| 6244  | Murray Creek       | P          | 236.6  | 476.6   | 0         | 0     | 98.0   | 66.0    | 138.6           | 250.6  | 0                      | 0  | 0      | 160.0                   |
| 6302  | Snake Butte        | P          | 2024.6 | 1891.5  | 0         | 0     | 1622.4 | 547.7   | 157.4           | 1319.6 | 0                      | 0  | 244.8  | 24.2                    |
| 6356  | Syncline           | P          | 398.9  | 0       | 0         | 0     | 0      | 0       | 372.0           | 0      | 24.9                   | 0  | 2.0    | 0                       |
| 6360  | Hannon             | P          | 593.2  | 0       | 0         | 0     | 55.4   | 0       | 489.8           | 0      | 0                      | 0  | 48.4   | 0                       |
| 6364  | Shelby             | P          | 302.3  | 0       | 0         | 0     | 0      | 0       | 240.9           | 0      | 38.9                   | 0  | 22.5   | 0                       |
| 6389  | Marsh Hawk         | P          | 1860.3 | 0       | 547.7     | 0     | 0      | 0       | 0               | 0      | 0                      | 0  | 1312.6 | 0                       |
| 6395  | Balesal            | P          | 199.7  | 0       | 64.5      | 0     | 24.2   | 0       | 0               | 0      | 0                      | 0  | 111.0  | 0                       |
|   |                    |            |        |         |           |       |        |         |                 |        |                        |  | 3      | CA<br>1<br>9<br>2<br>ER |

| SEASON<br>FROM<br>TO | CURRENT<br>ALIVE<br>NEW<br>OTHER | REC. STOCKING<br>RATE/ALIVE | POTEN. FORAGE<br>PRODUCTION | ALTERNATIVE A |       | ALTERNATIVE B |      | ALTERNATIVE C |      | ALTERNATIVE D |      | ALTERNATIVE E |     | ALTERNATIVE F |      |
|----------------------|----------------------------------|-----------------------------|-----------------------------|---------------|-------|---------------|------|---------------|------|---------------|------|---------------|-----|---------------|------|
|                      |                                  |                             |                             | NEW           | OTHER | ST            | LT   | ST            | LT   | ST            | LT   | ST            | LT  | ST            | LT   |
| 05/01-10/01          | 1126                             | 1452                        | 27                          | 2007          | 37    | 1126          | 1374 | 1126          | 1126 | 1452          | 2697 | 847           | 865 | 0             | 0    |
| 04/01-03/31          | 8                                |                             |                             |               |       |               |      |               |      |               |      |               |     | 1126          | 1126 |
| 04/01-03/31          | 43                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               |      |
| 04/20-10/16          | 378                              | 1453                        | 486                         | 1847          | 661   | 2571          | 378  | 461           | 378  | 378           | 486  | 1241          | 229 | 236           | 0    |
| 04/01-03/31          | 2                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 378  |
| 04/01-03/31          | 12                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 378  |
| 05/23-02/15          | 462                              | 1068                        | 580                         | 3128          | 837   | 4509          | 462  | 564           | 462  | 462           | 580  | 1101          | 448 | 459           | 0    |
| 04/01-03/31          | 2                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 462  |
| 04/01-03/31          | 10                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 462  |
| 06/01-10/15          | 199                              | 492                         | 208                         | 670           | 279   | 966           | 199  | 243           | 199  | 199           | 208  | 400           | 135 | 155           | 0    |
| 04/01-03/31          | 2                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 199  |
| 04/01-03/31          | 7                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 199  |
| 04/25-11/20          | 245                              | 404                         | 348                         | 462           | 466   | 622           | 245  | 299           | 245  | 245           | 348  | 517           | 161 | 165           | 0    |
| 04/01-03/31          | 3                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 245  |
| 04/01-03/31          | 22                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 245  |
| 04/01-02/29          | 884                              | 518                         | 988                         | 1029          | 1333  | 1411          | 884  | 1078          | 884  | 884           | 988  | 1572          | 549 | 549           | 0    |
| 04/01-03/31          |                                  |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 884  |
| 04/01-03/31          |                                  |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 884  |
| 05/04-11/03          | 350                              | 973                         | 347                         | 800           | 522   | 1182          | 350  | 427           | 350  | 350           | 347  | 539           | 244 | 248           | 0    |
| 04/01-03/31          | 2                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 350  |
| 04/01-03/31          | 19                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 350  |
| 03/01-02/28          | 203                              | 0                           | 314                         | 0             | 485   | 0             | 203  | 257           | 203  | 203           | 314  | 601           | 139 | 175           | 0    |
| 04/01-03/31          | 11                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 203  |
| 04/01-03/31          | 22                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 203  |
| 03/01-02/28          | 277                              | 0                           | 162                         | 0             | 281   | 0             | 277  | 301           | 277  | 277           | 162  | 303           | 181 | 230           | 0    |
| 04/01-03/31          | 8                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 277  |
| 04/01-03/31          | 7                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 277  |
| 03/01-02/28          | 82                               | 0                           | 122                         | 0             | 182   | 0             | 82   | 102           | 82   | 82            | 122  | 136           | 50  | 63            | 0    |
| 04/01-03/31          | 6                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 82   |
| 04/01-03/31          | 14                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 82   |
| 12/20-02/19          | 25                               | 26                          | 43                          | 169           | 56    | 231           | 25   | 31            | 25   | 25            | 43   | 68            | 25  | 25            | 0    |
| 04/01-03/31          | 2                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 25   |
| 04/01-03/31          | 2                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 25   |
| 05/01-06/03          | 130                              | 0                           | 125                         | 35            | 166   | 47            | 130  | 162           | 130  | 125           | 125  | 213           | 0   | 0             | 0    |
| 04/01-03/31          | 3                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 130  |
| 04/01-03/31          | 2                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 130  |
| 06/06-11/05          | 495                              | 0                           | 614                         | 729           | 918   | 1011          | 495  | 612           | 495  | 495           | 614  | 1209          | 322 | 399           | 0    |
| 04/01-03/31          | 16                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 495  |
| 04/01-03/31          | 17                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 495  |
| 06/01-08/01          | 48                               | 49                          | 56                          | 7             | 80    | 10            | 48   | 59            | 48   | 48            | 56   | 108           | 32  | 32            | 0    |
| 04/01-03/31          | 2                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 48   |
| 04/01-03/31          | 2                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 48   |
| 06/01-07/16          | 517                              | 2279                        | 748                         | 1665          | 1048  | 2389          | 517  | 631           | 517  | 517           | 748  | 1402          | 491 | 492           | 0    |
| 04/01-03/31          | 20                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 517  |
| 04/01-03/31          | 24                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 517  |
| 05/15-10/20          |                                  |                             |                             |               |       |               |      |               |      |               |      |               |     |               |      |
| 06/01-11/13          | 322                              | 182                         | 456                         | 126           | 611   | 169           | 322  | 393           | 322  | 322           | 456  | 817           | 268 | 292           | 0    |
| 04/01-03/31          | 9                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 322  |
| 04/01-03/31          | 10                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 322  |
| 04/16-31/20          | 355                              | 1482                        | 779                         | 2132          | 1046  | 2862          | 555  | 677           | 555  | 555           | 779  | 1276          | 334 | 336           | 0    |
| 04/01-03/31          | 20                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 355  |
| 12/01-03/31          | 62                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 355  |
| 04/01-03/31          | 36                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 355  |
| 03/01-02/08          | 93                               | 0                           | 68                          | 76            | 108   | 133           | 93   | 118           | 93   | 93            | 68   | 118           | 61  | 78            | 0    |
| 04/01-03/31          | 2                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 93   |
| 04/01-03/31          | 2                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 93   |
| 06/01-11/01          | 340                              | 1222                        | 346                         | 368           | 480   | 636           | 340  | 415           | 340  | 340           | 346  | 413           | 274 | 296           | 0    |
| 04/01-03/31          | 17                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 340  |
| 04/01-03/31          | 24                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 340  |
| 03/01-02/28          | 116                              | 0                           | 49                          | 0             | 101   | 0             | 116  | 142           | 116  | 116           | 49   | 60            | 76  | 82            | 0    |
| 04/01-03/31          | 2                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 116  |
| 04/01-03/31          | 5                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 116  |
| 04/12-11/31          | 150                              | 0                           | 84                          | 0             | 159   | 0             | 150  | 189           | 150  | 150           | 84   | 135           | 118 | 144           | 0    |
| 04/01-03/31          | 3                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 150  |
| 04/01-03/31          | 10                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 150  |
| 03/01-02/28          | 165                              | 0                           | 33                          | 0             | 70    | 0             | 165  | 201           | 165  | 165           | 33   | 49            | 103 | 109           | 0    |
| 04/01-03/31          | 3                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 165  |
| 04/01-03/31          | 12                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 165  |
| 06/01-10/30          | 312                              | 0                           | 201                         | 0             | 201   | 0             | 312  | 381           | 312  | 312           | 201  | 201           | 286 | 286           | 0    |
| 04/01-03/31          | 6                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 312  |
| 04/01-03/31          | 209                              |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 312  |
| 04/01-03/31          | 168                              |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 312  |
| 03/01-02/28          | 13                               | 0                           | 31                          | 0             | 35    | 0             | 13   | 16            | 13   | 13            | 31   | 34            | 1   | 1             | 0    |
| 04/01-03/31          | 2                                |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 13   |
| 04/01-03/31          | 22                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 13   |
| 04/01-03/31          | 17                               |                             |                             |               |       |               |      |               |      |               |      |               |     |               | 13   |

## HAWK RESOURCE AREA PROPOSED AMPs CONTINUED

| ALLOT.<br>NO.                          | ALLOTMENT<br>NAME  | MGT<br># | ACRES  | EXCELLENT |       | GOOD   |       | RANGE CONDITION |       | POOR  |       | UNSUITABLE |       | NO.<br>OF<br>CLES | GRAZING<br>ANIMALS  |
|--|--------------------|----------|--------|-----------|-------|--------|-------|-----------------|-------|-------|-------|------------|-------|-------------------|---------------------|
|  |                    |          |        | BLW       | OTHER | BLW    | OTHER | BLW             | OTHER | BLW   | OTHER | BLW        | OTHER |                   |                     |
| 6432                                   | Buckskin           | P        | 1189.7 | 0         | 0     | 1129.0 | 0     | 29.8            | 0     | 0     | 0     | 36.9       | 0     | 11                | CA<br>2 AN<br>8 DM  |
| 6444                                   | North Birch        | P        | 279.6  | 0         | 0     | 232.4  | 0     | 0               | 0     | 0     | 0     | 47.4       | 0     | 4                 | CA<br>2 AN<br>2 DM  |
| 6442                                   | Marias River One   | P        | 680.1  | 0         | 0     | 168.1  | 0     | 387.2           | 0     | 0     | 0     | 114.8      | 0     | 13                | CA<br>1 AN<br>3 DM  |
| 6443                                   | Klondike           | P        | 1276.2 | 0         | 0     | 699.1  | 0     | 339.2           | 0     | 0     | 0     | 237.9      | 0     | 19                | CA<br>2 AN<br>9 DM  |
| 6444                                   | Blue Lettuce       | P        | 2432.7 | 0         | 0     | 1778.0 | 0     | 310.9           | 0     | 0     | 0     | 343.8      | 0     | 118               | CA<br>4 AN<br>22 DM |
| 6447                                   | East Lonesome Lake | P        | 360.0  | 0         | 0     | 0      | 0     | 360.0           | 0     | 0     | 0     | 0          | 0     | 22                | CA<br>1 AN<br>1 DM  |
| 6448                                   | Christofferson     | P        | 3263.7 | 0         | 0     | 3193.9 | 0     | 67.8            | 0     | 0     | 0     | 0          | 0     | 103               | CA<br>4 AN<br>9 DM  |
| 6455                                   | Haystack           | P        | 2555.5 | 0         | 0     | 704.9  | 0     | 1850.6          | 0     | 0     | 0     | 0          | 0     | 88                | CA<br>4 AN<br>8 DM  |
| 6463                                   | Found              | P        | 582.0  | 0         | 0     | 0      | 0     | 391.0           | 0     | 0     | 0     | 191.0      | 0     | 12                | CA<br>1 AN<br>3 DM  |
| 6472                                   | Wildhorse          | P        | 313.0  | 0         | 0     | 0      | 0     | 498.0           | 0     | 0     | 0     | 15.0       | 0     | 27                | CA<br>4 AN<br>2 DM  |
| 6493                                   | Forgotten          | P        | 1342.3 | 0         | 0     | 426.8  | 0     | 724.5           | 0     | 0     | 0     | 191.0      | 0     | 30                | CA<br>2 AN<br>13 DM |
| Sub Total                              |                    |          | 134147 | 166937    | 1070  | 136    | 94455 | 131336          | 33323 | 26604 | 195   | 337        | 5104  | 8524              |                     |
| Proposed AMPs<br>(Not proposed in "3") |                    |          |        |           |       |        |       |                 |       |       |       |            |       |                   |                     |

| SEASON<br>OF USE                          | CURRENT<br>AUMs | REG. STOCKING<br>RATE/AUMs |              | POTEN. FORAGE<br>PRODUCTION |              | ALTERNATIVE A<br>ENHAN. CONSERVED<br>VEG. USES |              | ALTERNATIVE B<br>CONT. OF<br>PRESERV. MGMT. |              | ALTERNATIVE C<br>ENHANCED<br>LIVST. FORAGE |              | ALTERNATIVE D<br>ENHANCED<br>WATER & WILDLIFE |              | ALTERNATIVE E<br>NO LIVESTOCK<br>GRAZING |          | ALTERNATIVE F<br>NO ACTION |              |              |
|---|-----------------|----------------------------|--------------|-----------------------------|--------------|--|--------------|---|--------------|--|--------------|---|--------------|--|----------|----------------------------|--------------|--------------|
|   |                 | BLW                        | OTHER        | BLW                         | OTHER        | BLW  | OTHER        | BLW   | LT           | BLW  | LT           | BLW   | LT           | BLW                                      | LT       | BLW                        | LT           |              |
| 03/01-02/28<br>04/01-03/31<br>04/01-03/31 | 137<br>3<br>19  | 0                          | 330          | 0                           | 443          | 137  | 167          | 137   | 137          | 330  | 614          | 93  | 93           | 0  | 0        | 137                        | 137          |              |
| 03/01-02/28<br>04/01-03/31<br>04/01-03/31 | 51<br>3<br>5    | 0                          | 48           | 0                           | 66           | 0  | 51           | 62  | 51           | 49   | 73           | 35  | 36           | 0  | 0        | 51                         | 51           |              |
| 03/01-02/28<br>04/01-03/31<br>04/01-03/31 | 182<br>2<br>7   | 0                          | 94           | 0                           | 167          | 0  | 182          | 224   | 182          | 182  | 94           | 244   | 122          | 150                                      | 0        | 0                          | 182          | 182          |
| 03/01-02/28<br>04/01-03/31<br>04/01-03/31 | 240<br>3<br>22  | 0                          | 201          | 0                           | 304          | 0  | 240          | 294   | 240          | 291  | 300          | 164   | 200          | 0  | 0        | 240                        | 240          |              |
| 05/16-10/15<br>04/01-03/31<br>04/01-03/31 | 591<br>6<br>53  | 0                          | 460          | 0                           | 647          | 0  | 591          | 721   | 591          | 591  | 460          | 506   | 410          | 419                                      | 0        | 0                          | 591          | 591          |
| 05/16-09/15<br>04/01-03/31<br>04/01-03/31 | 90<br>2<br>2    | 0                          | 71           | 0                           | 141          | 0  | 90           | 167   | 90           | 90   | 771          | 167   | 54           | 105                                      | 0        | 0                          | 90           | 90           |
| 05/01-11/30<br>04/01-03/31<br>04/01-03/31 | 1132<br>6<br>22 | 0                          | 1647         | 0                           | 2216         | 0  | 1132         | 1381  | 1132         | 1381                                       | 1647         | 2536  | 922          | 922                                      | 0        | 0                          | 1132         | 1132         |
| 03/01-02/28<br>04/01-03/31<br>04/01-03/31 | 1057<br>6<br>19 | 0                          | 592          | 0                           | 1068         | 0  | 1057         | 1390  | 1057         | 1057                                       | 592          | 1216  | 705          | 925                                      | 0        | 0                          | 1057         | 1057         |
| 03/01-02/28<br>04/01-03/31<br>04/01-03/31 | 133<br>2<br>7   | 0                          | 148          | 0                           | 284          | 0  | 133          | 133   | 133          | 143  | 333          | 85  | 1130         | 0  | 0        | 133                        | 133          |              |
| 06/01-09/30<br>04/01-03/31<br>04/01-03/31 | 108<br>6<br>3   | 0                          | 134          | 0                           | 263          | 0  | 108          | 194   | 108          | 108  | 134          | 238   | 81           | 138                                      | 0        | 0                          | 108          | 108          |
| 03/01-02/28<br>04/01-03/31<br>04/01-03/31 | 358<br>3<br>31  | 0                          | 125          | 106                         | 180          | 212  | 358          | 437   | 358          | 358  | 125          | 230   | 238          | 242                                      | 0        | 0                          | 358          | 358          |
| <b>Sub Total</b>                          | <b>28069</b>    | <b>30293</b>               | <b>32191</b> | <b>39763</b>                | <b>47039</b> | <b>56598</b>                                   | <b>28069</b> | <b>36953</b>                                | <b>28069</b> | <b>28069</b>                               | <b>32203</b> | <b>57637</b>                                  | <b>20439</b> | <b>24735</b>                             | <b>0</b> | <b>0</b>                   | <b>28069</b> | <b>28069</b> |

## HARVE RESOURCE AREA PROPOSED ANPs IN ALTERNATIVE B (ALSO PROPOSED IN ALTERNATIVES A, C, D)

| ALLOT.<br>NO. | ALLOTMENT<br>NAME | NCT<br>SFS | ACRES   | EXCELLENT |        |       | GOOD    |        |        | FAIR   |       |      | POOR   |       |   | UNSUITABLE  |       |      | GRAZING<br>ANIMALS<br>NO.<br>CLS |
|---------------|-------------------|------------|---------|-----------|--------|-------|---------|--------|--------|--------|-------|------|--------|-------|---|---|-------|------|----------------------------------|
|               |                   |            |         | BLM       | OTHER  | BLM   | OTHER   | BLM    | OTHER  | BLM    | OTHER | BLM  | OTHER  | BLM   | OTHER                                       | BLM   | OTHER |      |                                  |
| 6006          | S Bar S           | F          | 13365.0 | 14863.8   | 1048.0 | 42.9  | 5674.9  | 5940.8 | 6503.2 | 8880.1 | 136.9 | 0    | 0      | 0     | 0   | 0   | 0     | 1235 | CA<br>3<br>AN<br>33<br>DM        |
| 6020          | L. Petrie Ranch   | P          | 13998.2 | 5168.5    | 0      | 0     | 30200.4 | 3564.3 | 2788.4 | 1512.2 | 0     | 0    | 9.4    | 92.0  | 420   | CA<br>7<br>H<br>138<br>100<br>100<br>200<br>373<br>200<br>973<br>51<br>51<br>23<br>DM |       |      |                                  |
| 6069          | Second Bend       | P          | 1550.2  | 1105.4    | 0      | 0     | 325.2   | 447.6  | 1185.0 | 321.8  | 40.0  | 58.0 | 0      | 278.0 | 127   | CA<br>1<br>AN<br>3<br>DM  |       |      |                                  |
| 6227          | Chouteau Couleue  | P          | 5171.2  | 6204.6    | 0      | 0     | 2728.0  | 4938.6 | 2443.2 | 1266.0 | 0     | 0    | 0      | 0     | 172   | CA<br>20<br>AN<br>12<br>DM  |       |      |                                  |
| 6251          | East Unit         | P          | 3503.1  | 7725.9    | 953.6  | 519.9 | 1096.2  | 3464.8 | 1453.3 | 3741.2 | 0     | 0    | 0      | 0     | 350   | CA<br>15<br>AN<br>11<br>DM  |       |      |                                  |
| 6355          | Kevin             | P          | 3080.7  | 0         | 0      | 0     | 870.6   | 0      | 2956.8 | 0      | 0     | 0    | 0      | 253.3 | 0   | 75<br>13<br>AN<br>32<br>DM  |       |      |                                  |
| 6358          | Beefstank         | P          | 2806.8  | 0         | 0      | 0     | 394.1   | 0      | 1763.2 | 0      | 12.9  | 0    | 636.6  | 0     | 30<br>7<br>AN<br>16<br>DM                   |   |       |      |                                  |
| 6362          | Virden Lake       | P          | 1040.5  | 0         | 0      | 0     | 0       | 0      | 673.4  | 0      | 319.6 | 0    | 47.5   | 0     | 38<br>3<br>AN<br>8<br>DM                    |   |       |      |                                  |
| 6378          | Upper Marias      | P          | 2680.7  | 0         | 0      | 0     | 50.5    | 0      | 2129.3 | 0      | 0     | 0    | 500.9  | 0     | 20<br>49<br>4<br>AN<br>13<br>DM             |   |       |      |                                  |
| 6396          | Marias Bridge     | P          | 7796.0  | 1385.2    | 1039.3 | 262.2 | 589.1   | 84.3   | 4768.9 | 802.3  | 60.0  | 0    | 1338.7 | 236.4 | 376<br>3<br>AN<br>8<br>AN<br>54<br>ER<br>11 |   |       |      |                                  |
| 6398          | Bald Eagle        | P          | 1100.6  | 0         | 0      | 0     | 0       | 0      | 1100.6 | 0      | 0     | 0    | 0      | 0     | 0   | 25<br>2<br>AN<br>12<br>DM   |       |      |                                  |
| 6399          | Buffalo           | P          | 3173.4  | 0         | 0      | 0     | 307.0   | 0      | 2650.7 | 0      | 75.3  | 0    | 140.4  | 0     | 89<br>4<br>AN<br>29<br>DM                   |   |       |      |                                  |
| 6434          | Cabin             | P          | 1745.8  | 0         | 0      | 0     | 70.9    | 0      | 1583.5 | 0      | 0     | 0    | 91.4   | 0     | 39<br>3<br>AN<br>23<br>DM                   |   |       |      |                                  |
| 6435          | South Vizy        | P          | 1015.7  | 0         | 0      | 0     | 0       | 0      | 860.8  | 0      | 0     | 0    | 154.9  | 0     | 108<br>1<br>AN<br>9<br>DM                   |   |       |      |                                  |
| 6439          | Honestead Couleue | P          | 1479.1  | 0         | 0      | 0     | 0       | 0      | 1164.2 | 0      | 0     | 0    | 294.9  | 0     | 34<br>2<br>AN<br>19<br>DM                   |   |       |      |                                  |

| SEASON<br>OF FSP | CURRENT ALIVE<br>STK | REC. STOCKING<br>RATE/ADMS. | POTEN. FORAGE<br>PRODUCTION | ALTERNATIVE A |       | ALTERNATIVE B |       | ALTERNATIVE C |      | ALTERNATIVE D |      | ALTERNATIVE E |      | ALTERNATIVE F |      |   |
|------------------|----------------------|-----------------------------|-----------------------------|---------------|-------|---------------|-------|---------------|------|---------------|------|---------------|------|---------------|------|---|
|                  |                      |                             |                             | BLD           | OTHER | BLD           | OTHER | ST            | LT   | ST            | LT   | ST            | LT   | ST            | LT   |   |
| 05/01-11/15      | 7960                 | 2110                        | 3255                        | 2103          | 2039  | 3201          | 2103  | 2960          | 3898 | 2960          | 3898 | 3255          | 6155 | 2146          | 2986 |   |
| 04/01-10/15      |                      |                             |                             |               |       |               |       |               |      |               |      |               |      | 0             | 0    |   |
| 04/01-03/31      | 85                   |                             |                             |               |       |               |       |               |      |               |      |               |      | 2960          | 2960 |   |
| 04/01-03/31      | 79                   |                             |                             |               |       |               |       |               |      |               |      |               |      | 0             | 0    |   |
| 08/22/10/31      | 2665                 | 1006                        | 3556                        | 1228          | 5104  | 1825          | 2665  | 3251          | 2665 | 3251          | 3556 | 6587          | 2302 | 2426          | 0    | 0 |
| 03/01-02/28      |                      |                             |                             |               |       |               |       |               |      |               |      |               |      | 2665          | 2665 |   |
| 07/19-10/12      |                      |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 04/01-03/31      |                      |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 06/01-06/24      |                      |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 06/01-08/21      |                      |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 11/01-11/21      |                      |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 08/23-09/22      |                      |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 11/01-02/28      |                      |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 04/01-03/31      | 80                   |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 04/01-03/31      | 55                   |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 05/15-08/11      | 302                  | 90                          | 330                         | 200           | 604   | 322           | 302   | 358           | 302  | 358           | 330  | 755           | 111  | 111           | 0    | 0 |
| 04/01-03/31      | 2                    |                             |                             |               |       |               |       |               |      |               |      |               |      | 302           | 302  |   |
| 04/01-03/31      | 7                    |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 05/01-11/15      | 693                  | 291                         | 1167                        | 291           | 1829  | 2138          | 693   | 1109          | 693  | 1109          | 1167 | 2568          | 349  | 476           | 0    | 0 |
| 04/01-03/31      | 32                   |                             |                             |               |       |               |       |               |      |               |      |               |      | 693           | 693  |   |
| 04/01-03/31      | 29                   |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 05/01-10/27      | 793                  | 1487                        | 1010                        | 1872          | 1386  | 2880          | 793   | 967           | 793  | 967           | 1010 | 1513          | 543  | 637           | 0    | 0 |
| 04/01-03/31      | 24                   |                             |                             |               |       |               |       |               |      |               |      |               |      | 793           | 793  |   |
| 04/01-03/31      | 26                   |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 03/01-02/28      | 909                  | 0                           | 837                         | 0             | 1532  | 0             | 909   | 1099          | 909  | 1099          | 837  | 1413          | 601  | 604           | 0    | 0 |
| 04/01-03/31      | 20                   |                             |                             |               |       |               |       |               |      |               |      |               |      | 909           | 909  |   |
| 04/01-03/31      | 77                   |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 03/01-02/28      | 358                  | 0                           | 330                         | 0             | 615   | 0             | 358   | 470           | 358  | 470           | 330  | 540           | 238  | 378           | 0    | 0 |
| 04/01-03/31      | 11                   |                             |                             |               |       |               |       |               |      |               |      |               |      | 358           | 358  |   |
| 04/01-03/31      | 38                   |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 09/01-11/30      | 455                  | 0                           | 112                         | 0             | 262   | 0             | 455   | 555           | 455  | 555           | 112  | 163           | 455  | 486           | 0    | 0 |
| 04/01-03/31      | 5                    |                             |                             |               |       |               |       |               |      |               |      |               |      | 455           | 455  |   |
| 04/01-03/31      | 19                   |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 03/01-02/28      | 245                  | 0                           | 295                         | 0             | 583   | 0             | 245   | 389           | 245  | 389           | 295  | 448           | 145  | 240           | 0    | 0 |
| 12/01-03/31      | 26                   |                             |                             |               |       |               |       |               |      |               |      |               |      | 245           | 245  |   |
| 04/01-03/31      | 4                    |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 04/01-03/31      | 31                   |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 03/01-02/28      | 1961                 | 0                           | 688                         | 1221          | 1200  | 1822          | 1961  | 2979          | 1961 | 2979          | 688  | 1158          | 580  | 915           | 0    | 0 |
| 04/01-11/30      | 3                    |                             |                             |               |       |               |       |               |      |               |      |               |      | 1961          | 1961 |   |
| 12/01-03/31      | 4                    |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 04/01-03/31      | 130                  |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 04/01-03/31      | 92                   |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 03/01-02/28      | 301                  | 0                           | 168                         | 0             | 335   | 0             | 301   | 367           | 301  | 367           | 168  | 332           | 198  | 198           | 0    | 0 |
| 04/01-03/31      | 3                    |                             |                             |               |       |               |       |               |      |               |      |               |      | 301           | 301  |   |
| 04/01-03/31      | 29                   |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 03/01-02/28      | 1070                 | 0                           | 344                         | 253           | 676   | 458           | 1070  | 1343          | 1070 | 1343          | 344  | 664           | 696  | 876           | 0    | 0 |
| 04/01-03/31      | 6                    |                             |                             |               |       |               |       |               |      |               |      |               |      | 1070          | 1070 |   |
| 04/01-03/31      | 70                   |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 06/15-12/07      | 225                  | 0                           | 271                         | 0             | 528   | 0             | 225   | 511           | 225  | 511           | 271  | 620           | 204  | 393           | 0    | 0 |
| 04/01-03/31      | 5                    |                             |                             |               |       |               |       |               |      |               |      |               |      | 225           | 225  |   |
| 04/01-03/31      | 55                   |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 10/23-12/19      | 95                   | 0                           | 122                         | 0             | 243   | 0             | 95    | 219           | 95   | 219           | 122  | 253           | 95   | 176           | 0    | 0 |
| 04/01-03/31      | 2                    |                             |                             |               |       |               |       |               |      |               |      |               |      | 95            | 95   |   |
| 04/01-03/31      | 22                   |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |
| 03/01-02/28      | 408                  | 0                           | 202                         | 0             | 404   | 0             | 408   | 560           | 408  | 560           | 202  | 421           | 269  | 369           | 0    | 0 |
| 04/01-03/31      | 3                    |                             |                             |               |       |               |       |               |      |               |      |               |      | 408           | 408  |   |
| 04/01-03/31      | 46                   |                             |                             |               |       |               |       |               |      |               |      |               |      |               |      |   |

HAVRE RESOURCE AREA PROPOSED ANP's IN ALTERNATIVE B (ALSO PROPOSED IN ALTERNATIVES A, C, D) CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME | MCT<br>STS | ACRES  | EXCELLENT |      |       |       | GOOD  |       |       |     | FAIR   |     |     |       | POOR |     |       |     | UNUSUITABLE |     |     |    | CRAZING<br>ANIMALS<br>NO.<br>CLS |
|---------------|-------------------|------------|--------|-----------|------|-------|-------|-------|-------|-------|-----|--------|-----|-----|-------|------|-----|-------|-----|-------------|-----|-----|----|----------------------------------|
|               |                   |            |        | BLK       | BLK  | OTHER | BLK   | BLK   | BLK   | OTHER | BLK | BLK    | BLK | BLK | BLK   | BLK  | BLK | BLK   | BLK | BLK         | BLK | BLK |    |                                  |
| 6446          | None              | F          | 1146.8 | 0         |      |       | 0     |       | 35.0  | 0     |     | 990.2  | 0   |     | 210.6 | 0    |     | 15    | CA  |             |     |     |    |                                  |
|               |                   |            |        |           |      |       |       |       |       |       |     |        |     |     |       |      |     |       | 2   | AN          |     |     |    |                                  |
|               |                   |            |        |           |      |       |       |       |       |       |     |        |     |     |       |      |     |       | 9   | DR          |     |     |    |                                  |
| 6449          | South Lonesome    | P          | 1694.3 | 0         |      |       | 0     |       | 24.9  | 0     |     | 1689.4 | 0   |     | 0     | 0    |     | 0     |     | 0           |     | 75  | CA |                                  |
|               |                   |            |        |           |      |       |       |       |       |       |     |        |     |     |       |      |     |       | 6   | AN          |     |     |    |                                  |
|               |                   |            |        |           |      |       |       |       |       |       |     |        |     |     |       |      |     |       | 7   | DR          |     |     |    |                                  |
| 6450          | Ihmann Well       | P          | 1285.0 | 0         |      |       | 0     |       | 0     | 0     |     | 1285.0 | 0   |     | 0     | 0    |     | 0     |     | 0           |     | 55  | CA |                                  |
|               |                   |            |        |           |      |       |       |       |       |       |     |        |     |     |       |      |     |       | 2   | AN          |     |     |    |                                  |
|               |                   |            |        |           |      |       |       |       |       |       |     |        |     |     |       |      |     |       | 3   | DR          |     |     |    |                                  |
| 6451          | Lonesome Well     | P          | 2114.9 | 0         |      |       | 0     |       | 0     | 0     |     | 2114.9 | 0   |     | 0     | 0    |     | 0     |     | 0           |     | 41  | CA |                                  |
|               |                   |            |        |           |      |       |       |       |       |       |     |        |     |     |       |      |     |       | 3   | AN          |     |     |    |                                  |
|               |                   |            |        |           |      |       |       |       |       |       |     |        |     |     |       |      |     |       | 6   | DR          |     |     |    |                                  |
| 6452          | Grass Seed        | P          | 1092.9 | 0         |      |       | 0     |       | 0     | 0     |     | 1092.9 | 0   |     | 0     | 0    |     | 0     |     | 0           |     | 50  | CA |                                  |
|               |                   |            |        |           |      |       |       |       |       |       |     |        |     |     |       |      |     |       | 2   | AN          |     |     |    |                                  |
|               |                   |            |        |           |      |       |       |       |       |       |     |        |     |     |       |      |     |       | 3   | DR          |     |     |    |                                  |
| 6453          | Hardware          | P          | 434.9  | 0         |      |       | 0     |       | 0     | 0     |     | 434.9  | 0   |     | 0     | 0    |     | 0     |     | 0           |     | 14  | CA |                                  |
|               |                   |            |        |           |      |       |       |       |       |       |     |        |     |     |       |      |     |       | 1   | AN          |     |     |    |                                  |
|               |                   |            |        |           |      |       |       |       |       |       |     |        |     |     |       |      |     |       | 1   | DR          |     |     |    |                                  |
| 6470          | Negelhus          | P          | 1641.8 | 0         |      |       | 0     |       | 177.0 | 0     |     | 1462.8 | 0   |     | 2.0   | 0    |     | 0     |     | 0           |     | 23  | CA |                                  |
|               |                   |            |        |           |      |       |       |       |       |       |     |        |     |     |       |      |     |       | 6   | AN          |     |     |    |                                  |
|               |                   |            |        |           |      |       |       |       |       |       |     |        |     |     |       |      |     |       | 3   | DR          |     |     |    |                                  |
| 6471          | Wildhorse Lake    | P          | 2610.0 | 0         |      |       | 0     |       | 0     | 0     |     | 2610.0 | 0   |     | 0     | 0    |     | 0     |     | 0           |     | 173 | CA |                                  |
|               |                   |            |        |           |      |       |       |       |       |       |     |        |     |     |       |      |     |       | 34  | AN          |     |     |    |                                  |
|               |                   |            |        |           |      |       |       |       |       |       |     |        |     |     |       |      |     |       | 14  | DR          |     |     |    |                                  |
| 6490          | Viny Bench        | P          | 1116.6 | 0         |      |       | 0     |       | 9.0   | 0     |     | 865.6  | 0   |     | 0     | 0    |     | 242.0 | 0   |             |     | 16  | CA |                                  |
|               |                   |            |        |           |      |       |       |       |       |       |     |        |     |     |       |      |     |       | 2   | AN          |     |     |    |                                  |
|               |                   |            |        |           |      |       |       |       |       |       |     |        |     |     |       |      |     |       | 14  | DR          |     |     |    |                                  |
| Sub Total     |                   |            | 77644  | 36453     | 3041 | 825   | 22554 | 18440 | 47480 | 16524 |     | 648    |     | 58  | 3921  |      | 606 |       |     |             |     |     |    |                                  |

|             |       |      |       |      |       |       |       |       |       |       |       |       |       |       |   |   |       |       |
|-------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|---|-------|-------|
| 03/01-02/28 | 185   | 0    | 128   | 0    | 253   | 0     | 185   | 289   | 185   | 289   | 128   | 234   | 125   | 194   | 0 | 0 | 185   | 185   |
| 04/01-03/31 | 3     |      |       |      |       |       |       |       |       |       |       |       |       |       |   |   |       |       |
| 04/01-03/31 | 22    |      |       |      |       |       |       |       |       |       |       |       |       |       |   |   |       |       |
| 03/01-02/28 | 898   | 0    | 334   | 0    | 663   | 0     | 898   | 1243  | 898   | 1243  | 334   | 768   | 598   | 826   | 0 | 0 | 898   | 898   |
| 04/01-03/31 | 6     |      |       |      |       |       |       |       |       |       |       |       |       |       |   |   |       |       |
| 04/01-03/31 | 17    |      |       |      |       |       |       |       |       |       |       |       |       |       |   |   |       |       |
| 04/01-10/31 | 648   | 0    | 254   | 0    | 508   | 0     | 648   | 826   | 648   | 826   | 234   | 453   | 503   | 607   | 0 | 0 | 648   | 648   |
| 04/01-03/31 | 3     |      |       |      |       |       |       |       |       |       |       |       |       |       |   |   |       |       |
| 04/01-03/31 | 17    |      |       |      |       |       |       |       |       |       |       |       |       |       |   |   |       |       |
| 03/01-06/08 | 495   | 0    | 405   | 0    | 809   | 0     | 495   | 916   | 495   | 916   | 405   | 927   | 331   | 607   | 0 | 0 | 495   | 495   |
| 04/01-03/31 | 5     |      |       |      |       |       |       |       |       |       |       |       |       |       |   |   |       |       |
| 04/01-03/31 | 14    |      |       |      |       |       |       |       |       |       |       |       |       |       |   |   |       |       |
| 05/01-10/31 | 300   | 0    | 206   | 0    | 411   | 0     | 300   | 366   | 300   | 366   | 206   | 409   | 200   | 200   | 0 | 0 | 300   | 300   |
| 04/01-03/31 | 3     |      |       |      |       |       |       |       |       |       |       |       |       |       |   |   |       |       |
| 04/01-03/31 | 7     |      |       |      |       |       |       |       |       |       |       |       |       |       |   |   |       |       |
| 03/01-02/28 | 176   | 0    | 76    | 0    | 151   | 0     | 176   | 248   | 176   | 248   | 76    | 166   | 120   | 168   | 0 | 0 | 176   | 176   |
| 04/01-03/31 | 2     |      |       |      |       |       |       |       |       |       |       |       |       |       |   |   |       |       |
| 04/01-03/31 | 2     |      |       |      |       |       |       |       |       |       |       |       |       |       |   |   |       |       |
| 06/01-12/31 | 163   | 0    | 599   | 0    | 1164  | 0     | 163   | 317   | 163   | 317   | 599   | 800   | 140   | 362   | 0 | 0 | 163   | 163   |
| 04/01-03/31 | 54    |      |       |      |       |       |       |       |       |       |       |       |       |       |   |   |       |       |
| 04/01-03/31 | 34    |      |       |      |       |       |       |       |       |       |       |       |       |       |   |   |       |       |
| 06/01-09/30 | 691   | 0    | 737   | 0    | 1448  | 0     | 691   | 962   | 691   | 962   | 737   | 1053  | 518   | 697   | 0 | 0 | 691   | 691   |
| 04/01-03/31 | 54    |      |       |      |       |       |       |       |       |       |       |       |       |       |   |   |       |       |
| 04/01-03/31 | 34    |      |       |      |       |       |       |       |       |       |       |       |       |       |   |   |       |       |
| 03/01-02/28 | 193   | 0    | 114   | 0    | 227   | 0     | 193   | 291   | 193   | 291   | 114   | 210   | 129   | 194   | 0 | 0 | 193   | 193   |
| 04/01-03/31 | 3     |      |       |      |       |       |       |       |       |       |       |       |       |       |   |   |       |       |
| 04/01-03/31 | 34    |      |       |      |       |       |       |       |       |       |       |       |       |       |   |   |       |       |
| Subtotal    | 17209 | 6084 | 15540 | 8168 | 25985 | 14638 | 17209 | 23533 | 17209 | 23533 | 15540 | 28608 | 11886 | 15106 | 0 | 0 | 17209 | 17209 |

#### HAVRE RESOURCE AREA EXISTING AMPs

| SEASON OF USE | CURRENT AUMS | REG. STOCKING RATE/AUMS |      |      | POTEN. FORAGE PRODUCTION |      | ALTERNATIVE A ENHAN. COMBINED VEG. USES |      |      | ALTERNATIVE B ENHANCED PRESENT MONT. VEG. USES |      |      | ALTERNATIVE C ENHANCED LIVST. FORAGE |      |    | ALTERNATIVE D ENHANCED WATER&WILDLIFE |     |     | ALTERNATIVE E 50% LIVESTOCK GRAZING |      |    | ALTERNATIVE F NO ACTION |    |   |  |
|---------------|--------------|-------------------------|------|------|--------------------------|------|---|------|------|--|------|------|--------------------------------------|------|----|---------------------------------------|-----|-----|-------------------------------------|------|----|-------------------------|----|---|--|
|               |              | BLM                     | OTHR | BLM  | OTHER                    | BLM  | OTHER                                   | ST   | LT   | ST   | LT   | ST   | LT                                   | ST   | LT | ST                                    | LT  | ST  | LT                                  | ST   | LT | ST                      | LT |   |  |
| 04/01-11/30   | 624          | 135                     | 497  | 119  | 799                      | 236  | 624                                     | 805  | 624  | 805  | 497  | 879  | 341                                  | 460  | 0  | 0                                     | 624 | 824 | 0                                   | 0    | 0  | 0                       | 0  | 0 |  |
| 04/01-03/31   | 1            |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   | 14           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 05/01-12/15   | 1082         | 791                     | 902  | 820  | 1292                     | 1333 | 1082                                    | 1320 | 1082 | 1320   | 902  | 1631 | 781                                  | 829  | 0  | 0                                     | 0   | 0   | 1082                                | 1082 | 0  | 0                       | 0  | 0 |  |
| 04/01-03/31   | 24           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   | 24           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 05/10-01/31   | 2219         | 2625                    | 2494 | 3519 | 3385                     | 4793 | 2219                                    | 2707 | 2219 | 2707   | 2494 | 4609 | 1850                                 | 1963 | 0  | 0                                     | 0   | 0   | 2219                                | 2219 | 0  | 0                       | 0  | 0 |  |
| 04/01-03/31   | 63           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   | 70           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 05/24-11/03   | 1645         | 493                     | 2085 | 963  | 3376                     | 1351 | 1645                                    | 2127 | 1645 | 2127   | 2085 | 3861 | 966                                  | 1284 | 0  | 0                                     | 0   | 0   | 1645                                | 1645 | 0  | 0                       | 0  | 0 |  |
| 05/01-11/30   |              |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 07/01-03/20   |              |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   |              |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   |              |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 05/08-06/20   | 418          | 67                      | 502  | 120  | 745                      | 160  | 418                                     | 510  | 418  | 510  | 502  | 906  | 418                                  | 452  | 0  | 0                                     | 0   | 0   | 418                                 | 418  | 0  | 0                       | 0  | 0 |  |
| 04/01-03/31   | 13           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   | 12           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 05/01-10/26   | 541          | 55                      | 609  | 40   | 957                      | 52   | 541                                     | 703  | 541  | 703  | 609  | 1180 | 353                                  | 460  | 0  | 0                                     | 0   | 0   | 541                                 | 541  | 0  | 0                       | 0  | 0 |  |
| 04/01-03/31   | 14           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   | 10           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 05/01-11/05   | 523          | 141                     | 400  | 172  | 748                      | 332  | 523                                     | 836  | 523  | 836  | 400  | 865  | 401                                  | 608  | 0  | 0                                     | 0   | 0   | 523                                 | 523  | 0  | 0                       | 0  | 0 |  |
| 04/01-03/31   | 5            |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   | 10           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 05/15-10/31   | 672          | 768                     | 767  | 756  | 1109                     | 1129 | 672                                     | 820  | 672  | 820  | 767  | 1273 | 528                                  | 535  | 0  | 0                                     | 0   | 0   | 672                                 | 672  | 0  | 0                       | 0  | 0 |  |
| 04/01-03/31   | 14           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/32   | 10           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 05/01-08/04   | 267          | 53                      | 253  | 121  | 417                      | 169  | 267                                     | 397  | 267  | 397  | 253  | 484  | 93                                   | 179  | 0  | 0                                     | 0   | 0   | 267                                 | 267  | 0  | 0                       | 0  | 0 |  |
| 04/01-03/31   | 6            |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   | 10           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 06/01-09/30   | 2225         | 4710                    | 3029 | 6076 | 4142                     | 8358 | 2225                                    | 2715 | 2225 | 2715   | 3029 | 5336 | 1693                                 | 1753 | 0  | 0                                     | 0   | 0   | 2225                                | 2225 | 0  | 0                       | 0  | 0 |  |
| 05/01-10/31   |              |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 05/05-05/20   |              |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 09/01-11/20   |              |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 05/01-11/21   |              |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 06/01-10/31   |              |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 06/01-10/15   |              |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 06/16-09/30   |              |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 06/01-07/15   |              |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 06/16-10/15   |              |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 05/01-10/31   |              |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 05/01-07/07   |              |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-11/20   |              |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   | 50           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 12/01-03/31   | 58           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   | 101          |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 05/01-10/31   | 300          | 199                     | 372  | 199  | 496                      | 266  | 300                                     | 366  | 300  | 366  | 372  | 690  | 200                                  | 201  | 0  | 0                                     | 0   | 0   | 300                                 | 300  | 0  | 0                       | 0  | 0 |  |
| 04/01-03/31   | 8            |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   | 7            |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 05/16-10/16   | 268          | 0                       | 183  | 0    | 244                      | 0    | 268                                     | 327  | 268  | 327  | 183  | 358  | 166                                  | 166  | 0  | 0                                     | 0   | 0   | 268                                 | 268  | 0  | 0                       | 0  | 0 |  |
| 04/01-03/31   | 5            |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   | 2            |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 05/01-10/31   | 751          | 358                     | 788  | 475  | 1182                     | 667  | 751                                     | 916  | 751  | 916  | 788  | 1579 | 501                                  | 570  | 0  | 0                                     | 0   | 0   | 751                                 | 751  | 0  | 0                       | 0  | 0 |  |
| 04/01-03/31   | 20           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   | 19           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 05/01-08/24   | 236          | 64                      | 180  | 78   | 247                      | 106  | 236                                     | 288  | 236  | 288  | 180  | 257  | 138                                  | 138  | 0  | 0                                     | 0   | 0   | 236                                 | 236  | 0  | 0                       | 0  | 0 |  |
| 04/01-03/31   | 6            |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   | 2            |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 05/01-09/30   | 1075         | 400                     | 920  | 371  | 1281                     | 575  | 1075                                    | 1271 | 1075 | 1271   | 920  | 1784 | 559                                  | 559  | 0  | 0                                     | 0   | 0   | 1075                                | 1075 | 0  | 0                       | 0  | 0 |  |
| 04/01-03/31   | 24           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   | 26           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 05/01-10/31   | 1141         | 262                     | 1549 | 461  | 2196                     | 684  | 1141                                    | 1392 | 1141 | 1392   | 1549 | 2541 | 647                                  | 647  | 0  | 0                                     | 0   | 0   | 1141                                | 1141 | 0  | 0                       | 0  | 0 |  |
| 04/01-03/31   | 6            |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   | 55           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 05/01-10/31   | 674          | 535                     | 743  | 709  | 1006                     | 953  | 674                                     | 821  | 674  | 821  | 743  | 1348 | 448                                  | 451  | 0  | 0                                     | 0   | 0   | 674                                 | 674  | 0  | 0                       | 0  | 0 |  |
| 04/01-03/31   | 19           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   | 19           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 06/20-07/20   | 30           | 86                      | 35   | 87   | 49                       | 118  | 30                                      | 37   | 30   | 37   | 35   | 51   | 18                                   | 18   | 0  | 0                                     | 0   | 0   | 30                                  | 30   | 0  | 0                       | 0  | 0 |  |
| 04/01-03/31   | 2            |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   | 7            |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 05/01-10/31   | 369          | 918                     | 728  | 1097 | 982                      | 1522 | 369                                     | 448  | 369  | 448  | 728  | 1380 | 263                                  | 281  | 0  | 0                                     | 0   | 0   | 369                                 | 369  | 0  | 0                       | 0  | 0 |  |
| 04/01-03/31   | 13           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   | 12           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 06/01-10/31   | 325          | 624                     | 372  | 726  | 501                      | 997  | 325                                     | 397  | 325  | 397  | 372  | 769  | 260                                  | 261  | 0  | 0                                     | 0   | 0   | 325                                 | 325  | 0  | 0                       | 0  | 0 |  |
| 04/01-03/31   | 9            |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   | 10           |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/10-06/16   | 176          | 294                     | 180  | 403  | 243                      | 541  | 176                                     | 215  | 176  | 215  | 180  | 326  | 176                                  | 176  | 0  | 0                                     | 0   | 0   | 176                                 | 176  | 0  | 0                       | 0  | 0 |  |
| 04/01-03/31   | 6            |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 04/01-03/31   | 3            |                         |      |      |                          |      |   |      |      |  |      |      |                                      |      |    |                                       |     |     |                                     |      |    |                         |    |   |  |
| 05/01-09/14   | 180          | 84                      | 129  | 135  | 223                      | 180  | 180                                     | 220  | 180  | 220  | 129  | 154  | 100                                  | 109  | 0  | 0                                     | 0   | 0   | 180                                 | 180  | 0  | 0</                     |    |   |  |

## HARVE NON-AMPs

| ALLOT.<br>NO. | ALLOTMENT<br>NAME | MGT<br>STS | ACRES  |              | EXCELLENT |       | GOOD  |        | FAIR  |        | POOR |       | UNSUITABLE |       | GRAZING<br>ANIMALS                            |                                      |
|---------------|-------------------|------------|--------|--------------|-----------|-------|-------|--------|-------|--------|------|-------|------------|-------|---|--------------------------------------|
|               |                   |            | BLM    | OTHER        | BLM       | OTHER | BLM   | OTHER  | BLM   | OTHER  | BLM  | OTHER | BLM        | OTHER | BLM   | OTHER                                |
|               |                   |            | 6002   | Pebble Creek | N         | 159.3 | 0     | 0      | 0     | 135.9  | 0    | 0     | 0          | 23.4  | 3<br>CA<br>1<br>AN<br>1<br>DM                 |                                      |
| 6003          | Woodpile          | N          | 79.8   | 643.6        | 0         | 0     | 0     | 0      | 79.8  | 308.5  | 0    | 0     | 0          | 337.1 | 1<br>CA<br>1<br>AN<br>1<br>DM                 |                                      |
| 6004          | Hendrickson       | N          | 389.5  | 65.8         | 0         | 0     | 298.9 | 64.9   | 90.6  | 0.9    | 0    | 0     | 0          | 0     | 85<br>3<br>CA<br>3<br>AN<br>3<br>DM           |                                      |
| 6015          | Lake              | N          | 639.8  | 0            | 0         | 0     | 0     | 0      | 639.8 | 0      | 0    | 0     | 0          | 0     | 90<br>3<br>CA<br>3<br>AN<br>1<br>DM           |                                      |
| 6016          | Wendy Coulee      | N          | 171.1  | 732.7        | 0         | 0     | 65.8  | 363.3  | 107.3 | 369.4  | 0    | 0     | 0          | 0     | 3<br>CA<br>1<br>AN<br>1<br>DM                 |                                      |
| 6019          | Rafter            | N          | 159.6  | 159.5        | 0         | 0     | 44.7  | 159.5  | 114.9 | 0      | 0    | 0     | 0          | 0     | 2<br>3<br>CA<br>3<br>AN<br>1<br>DM            |                                      |
| 6023          | Rifle Ranch       | N          | 646.9  | 604.5        | 0         | 0     | 646.9 | 567.6  | 0     | 36.9   | 0    | 0     | 0          | 0     | 20<br>8<br>CA<br>1<br>H<br>1<br>AN<br>1<br>DM |                                      |
| 6025          | Big Flat          | N          | 399.7  | 424.7        | 0         | 0     | 0     | 0      | 399.7 | 424.7  | 0    | 0     | 0          | 0     | 0   | 30<br>1<br>CA<br>1<br>AN<br>1<br>DM  |
| 6026          | Border Line       | N          | 592.9  | 0            | 0         | 0     | 322.9 | 0      | 270.0 | 0      | 0    | 0     | 0          | 0     | 50<br>1<br>CA<br>1<br>AN<br>1<br>DM           |                                      |
| 6038          | Elloam            | N          | 1237.8 | 6618.0       | 0         | 0     | 500.4 | 2896.6 | 737.4 | 5721.4 | 0    | 0     | 0          | 0     | 0   | 17<br>4<br>CA<br>4<br>AN<br>3<br>DM  |
| 6032          | Old Creek         | N          | 79.7   | 558.4        | 0         | 0     | 79.7  | 558.4  | 0     | 0      | 0    | 0     | 0          | 0     | 0   | 1<br>CA<br>1<br>AN<br>1<br>DM        |
| 6034          | Stevens           | N          | 488.8  | 968.4        | 0         | 0     | 488.8 | 232.4  | 0     | 0      | 0    | 0     | 0          | 0     | 0   | 7<br>2<br>CA<br>2<br>AN<br>1<br>DM   |
| 6036          | Only Forty        | N          | 39.9   | 613.8        | 0         | 0     | 39.9  | 613.8  | 0     | 0      | 0    | 0     | 0          | 0     | 0   | 3<br>1<br>CA<br>1<br>AN<br>1<br>DM   |
| 6038          | Magda North       | N          | 455.1  | 641.6        | 0         | 0     | 318.4 | 551.6  | 136.7 | 90.0   | 0    | 0     | 0          | 0     | 0   | 45<br>2<br>CA<br>2<br>AN<br>1<br>DM  |
| 6042          | Red Top           | N          | 167.7  | 0            | 0         | 0     | 114.8 | 0      | 53.9  | 0      | 0    | 0     | 0          | 0     | 0   | 9<br>1<br>CA<br>1<br>AN<br>1<br>DM   |
| 6044          | Buckley Coulee    | N          | 76.9   | 294.7        | 0         | 0     | 0     | 234.0  | 76.9  | 60.7   | 0    | 0     | 0          | 0     | 0   | 1<br>CA<br>1<br>AN<br>1<br>DM        |
| 6045          | Turner            | N          | 120.0  | 0            | 0         | 0     | 120.0 | 0      | 0     | 0      | 0    | 0     | 0          | 0     | 0   | 3<br>1<br>CA<br>1<br>AN<br>1<br>DM   |
| 6049          | Chinook Reservoir | N          | 300.0  | 0            | 0         | 0     | 300.0 | 0      | 0     | 0      | 0    | 0     | 0          | 0     | 0   | 14<br>3<br>CA<br>3<br>AN<br>2<br>DM  |
| 6054          | Skoyen            | N          | 333.6  | 68.7         | 0         | 0     | 90.9  | 0      | 242.7 | 68.7   | 0    | 0     | 0          | 0     | 0   | 57<br>1<br>CA<br>1<br>AN<br>1<br>DM  |
| 6059          | Weigand Reservoir | N          | 255.1  | 0            | 0         | 0     | 255.1 | 0      | 0     | 0      | 0    | 0     | 0          | 0     | 0   | 130<br>2<br>CA<br>2<br>AN<br>1<br>DM |
| 6061          | Checker           | N          | 864.1  | 196.0        | 0         | 0     | 561.2 | 196.0  | 308.9 | 0      | 0    | 0     | 0          | 14.0  | 0   | 75<br>3<br>CA<br>3<br>AN<br>2<br>DM  |
| 6064          | Miller            | N          | 369.4  | 1052.4       | 0         | 0     | 363.6 | 1047.2 | 0     | 0      | 0    | 0     | 0          | 5.8   | 5.2   | 48<br>2<br>CA<br>2<br>AN<br>2<br>DM  |
| 6065          | Little Woody      | N          | 450.0  | 0            | 0         | 0     | 450.0 | 0      | 0     | 0      | 0    | 0     | 0          | 0     | 0   | 100<br>2<br>CA<br>2<br>AN<br>1<br>DM |
| 6068          | Killam            | N          | 490.6  | 400.0        | 0         | 0     | 490.6 | 162.0  | 0     | 0      | 0    | 0     | 0          | 0     | 0   | 30<br>2<br>CA<br>2<br>AN<br>1<br>DM  |
| 6070          | North Jewel       | N          | 942.4  | 1834.7       | 0         | 0     | 901.0 | 1380.5 | 0     | 0      | 0    | 0     | 0          | 41.4  | 454.2   | 69<br>1<br>CA<br>1<br>AN<br>1<br>DM  |
| 6073          | North Red Rock    | N          | 416.0  | 3550.6       | 0         | 0     | 366.5 | 1970.9 | 27.9  | 1313.7 | 0    | 0     | 0          | 19.6  | 266.0   | 7<br>2<br>CA<br>2<br>AN<br>2<br>DM   |

| SEASON OF USE | CURRENT ALMS | REC. STOCKING RATE/ADMS |       | POTEN. FORAGE PRODUCTION |       | ALTERNATIVE A ENHANCED, CONT'D. |       |     | ALTERNATIVE B CONT'D. OF PRESENT NIGHT |     |     | ALTERNATIVE C ENHANCED, LUST. FORAGE |     |     | ALTERNATIVE D ENHANCED WATER&WILDLIFE |     |     | ALTERNATIVE E NO LIVESTOCK GRAZING |     |     | ALTERNATIVE F NO ACTION |     |     |     |
|---------------|--------------|-------------------------|-------|--------------------------|-------|---------------------------------|-------|-----|--|-----|-----|--------------------------------------|-----|-----|---------------------------------------|-----|-----|------------------------------------|-----|-----|-------------------------|-----|-----|-----|
|               |              | BLM                     | OTHER | BLM                      | OTHER | BLM                             | OTHER | ST. | LT.                                    | ST. | LT. | ST.                                  | LT. | ST. | LT.                                   | ST. | LT. | ST.                                | LT. | ST. | LT.                     | ST. | LT. |     |
| 03/01-02/28   | 30           | 57                      | 0     | 75                       | 0     | 30                              | 30    | 30  | 30                                     | 30  | 30  | 57                                   | 57  | 30  | 30                                    | 30  | 30  | 30                                 | 30  | 30  | 30                      | 30  | 30  |     |
| 04/01-03/31   | 2            | 2                       | 2     | 2                        | 2     | 2                               | 2     | 2   | 2                                      | 2   | 2   | 2                                    | 2   | 2   | 2                                     | 2   | 2   | 2                                  | 2   | 2   | 2                       | 2   | 2   |     |
| 03/01-02/28   | 16           | 128                     | 14    | 52                       | 29    | 103                             | 16    | 16  | 16                                     | 16  | 14  | 14                                   | 14  | 14  | 16                                    | 16  | 0   | 0                                  | 0   | 16  | 16                      | 16  | 16  |     |
| 04/01-03/31   | 2            | 2                       | 2     | 2                        | 2     | 2                               | 2     | 2   | 2                                      | 2   | 2   | 2                                    | 2   | 2   | 2                                     | 2   | 2   | 2                                  | 2   | 2   | 2                       | 2   | 2   |     |
| 09/01-09/28   | 68           | 13                      | 116   | 17                       | 163   | 22                              | 68    | 68  | 68                                     | 68  | 116 | 116                                  | 68  | 68  | 0                                     | 0   | 0   | 0                                  | 68  | 68  | 0                       | 0   | 68  | 68  |
| 04/01-03/31   | 5            | 7                       | 5     | 7                        | 5     | 7                               | 5     | 7   | 5                                      | 7   | 5   | 7                                    | 5   | 7   | 5                                     | 7   | 5   | 7                                  | 5   | 7   | 5                       | 7   | 5   | 7   |
| 03/01-06/23   | 166          | 126                     | 0     | 252                      | 0     | 164                             | 164   | 164 | 164                                    | 126 | 126 | 164                                  | 164 | 0   | 0                                     | 0   | 0   | 164                                | 164 | 0   | 0                       | 164 | 164 |     |
| 04/01-03/31   | 5            | 2                       | 5     | 2                        | 5     | 2                               | 5     | 2   | 5                                      | 2   | 5   | 2                                    | 5   | 2   | 5                                     | 2   | 5   | 2                                  | 5   | 2   | 5                       | 2   | 5   | 2   |
| 03/01-02/28   | 40           | 156                     | 37    | 184                      | 63    | 289                             | 40    | 40  | 40                                     | 40  | 37  | 37                                   | 40  | 40  | 0                                     | 0   | 0   | 0                                  | 40  | 40  | 0                       | 0   | 40  | 40  |
| 04/01-03/31   | 2            | 2                       | 2     | 2                        | 2     | 2                               | 2     | 2   | 2                                      | 2   | 2   | 2                                    | 2   | 2   | 2                                     | 2   | 2   | 2                                  | 2   | 2   | 2                       | 2   | 2   | 2   |
| 05/01-10/30   | 10           | 29                      | 45    | 45                       | 75    | 60                              | 10    | 10  | 10                                     | 10  | 10  | 10                                   | 45  | 45  | 10                                    | 10  | 0   | 0                                  | 0   | 10  | 10                      | 10  | 10  | 10  |
| 04/01-03/31   | 5            | 2                       | 5     | 2                        | 5     | 2                               | 5     | 2   | 5                                      | 2   | 5   | 2                                    | 5   | 2   | 5                                     | 2   | 5   | 2                                  | 5   | 2   | 5                       | 2   | 5   | 2   |
| 04/16-12/09   | 130          | 144                     | 189   | 174                      | 252   | 237                             | 130   | 130 | 130                                    | 130 | 189 | 189                                  | 130 | 130 | 0                                     | 0   | 0   | 0                                  | 130 | 130 | 0                       | 0   | 130 | 130 |
| 04/16-10/30   | 2            | 2                       | 2     | 2                        | 2     | 2                               | 2     | 2   | 2                                      | 2   | 2   | 2                                    | 2   | 2   | 2                                     | 2   | 2   | 2                                  | 2   | 2   | 2                       | 2   | 2   | 2   |
| 05/20-09/29   | 67           | 63                      | 78    | 87                       | 156   | 173                             | 67    | 67  | 67                                     | 67  | 78  | 78                                   | 67  | 67  | 0                                     | 0   | 0   | 0                                  | 67  | 67  | 0                       | 0   | 67  | 67  |
| 04/01-03/31   | 2            | 2                       | 2     | 2                        | 2     | 2                               | 2     | 2   | 2                                      | 2   | 2   | 2                                    | 2   | 2   | 2                                     | 2   | 2   | 2                                  | 2   | 2   | 2                       | 2   | 2   | 2   |
| 05/01-09/13   | 185          | 0                       | 150   | 0                        | 236   | 0                               | 185   | 185 | 185                                    | 185 | 150 | 150                                  | 185 | 185 | 0                                     | 0   | 0   | 0                                  | 185 | 185 | 0                       | 0   | 185 | 185 |
| 04/01-03/31   | 2            | 2                       | 2     | 2                        | 2     | 2                               | 2     | 2   | 2                                      | 2   | 2   | 2                                    | 2   | 2   | 2                                     | 2   | 2   | 2                                  | 2   | 2   | 2                       | 2   | 2   | 2   |
| 03/01-02/28   | 205          | 0                       | 258   | 1487                     | 426   | 2397                            | 205   | 205 | 205                                    | 205 | 258 | 258                                  | 205 | 205 | 0                                     | 0   | 0   | 0                                  | 205 | 205 | 0                       | 0   | 205 | 205 |
| 04/01-03/31   | 6            | 7                       | 6     | 7                        | 6     | 7                               | 6     | 7   | 6                                      | 7   | 6   | 7                                    | 6   | 7   | 6                                     | 7   | 6   | 7                                  | 6   | 7   | 6                       | 7   | 6   | 7   |
| 03/01-02/28   | 17           | 99                      | 30    | 150                      | 39    | 201                             | 17    | 17  | 17                                     | 17  | 30  | 30                                   | 17  | 17  | 0                                     | 0   | 0   | 0                                  | 17  | 17  | 0                       | 0   | 17  | 17  |
| 04/01-03/31   | 2            | 2                       | 2     | 2                        | 2     | 2                               | 2     | 2   | 2                                      | 2   | 2   | 2                                    | 2   | 2   | 2                                     | 2   | 2   | 2                                  | 2   | 2   | 2                       | 2   | 2   | 2   |
| 03/01-02/28   | 91           | 67                      | 134   | 64                       | 180   | 86                              | 91    | 91  | 91                                     | 91  | 134 | 134                                  | 91  | 91  | 0                                     | 0   | 0   | 0                                  | 91  | 91  | 0                       | 0   | 91  | 91  |
| 04/01-03/31   | 3            | 2                       | 3     | 2                        | 3     | 2                               | 3     | 2   | 3                                      | 2   | 3   | 2                                    | 3   | 2   | 3                                     | 2   | 3   | 2                                  | 3   | 2   | 3                       | 2   | 3   | 2   |
| 12/01-02/28   | 9            | 0                       | 12    | 172                      | 16    | 230                             | 9     | 9   | 9                                      | 9   | 12  | 12                                   | 9   | 9   | 0                                     | 0   | 0   | 0                                  | 9   | 9   | 0                       | 0   | 9   | 9   |
| 04/01-03/31   | 2            | 2                       | 2     | 2                        | 2     | 2                               | 2     | 2   | 2                                      | 2   | 2   | 2                                    | 2   | 2   | 2                                     | 2   | 2   | 2                                  | 2   | 2   | 2                       | 2   | 2   | 2   |
| 05/01-09/18   | 95           | 134                     | 105   | 147                      | 157   | 209                             | 95    | 95  | 95                                     | 95  | 105 | 105                                  | 95  | 95  | 0                                     | 0   | 0   | 0                                  | 95  | 95  | 0                       | 0   | 95  | 95  |
| 04/01-03/31   | 3            | 2                       | 3     | 2                        | 3     | 2                               | 3     | 2   | 3                                      | 2   | 3   | 2                                    | 3   | 2   | 3                                     | 2   | 3   | 2                                  | 3   | 2   | 3                       | 2   | 3   | 2   |
| 05/01-09/30   | 45           | 0                       | 52    | 0                        | 52    | 0                               | 45    | 45  | 45                                     | 45  | 52  | 52                                   | 45  | 45  | 0                                     | 0   | 0   | 0                                  | 45  | 45  | 0                       | 0   | 45  | 45  |
| 04/01-03/31   | 2            | 2                       | 2     | 2                        | 2     | 2                               | 2     | 2   | 2                                      | 2   | 2   | 2                                    | 2   | 2   | 2                                     | 2   | 2   | 2                                  | 2   | 2   | 2                       | 2   | 2   | 2   |
| 03/01-02/28   | 13           | 0                       | 14    | 82                       | 29    | 117                             | 13    | 13  | 13                                     | 13  | 14  | 14                                   | 13  | 13  | 0                                     | 0   | 0   | 0                                  | 13  | 13  | 0                       | 0   | 13  | 13  |
| 04/01-03/31   | 2            | 2                       | 2     | 2                        | 2     | 2                               | 2     | 2   | 2                                      | 2   | 2   | 2                                    | 2   | 2   | 2                                     | 2   | 2   | 2                                  | 2   | 2   | 2                       | 2   | 2   | 2   |
| 03/01-02/28   | 32           | 0                       | 36    | 0                        | 36    | 0                               | 32    | 32  | 32                                     | 32  | 36  | 36                                   | 32  | 32  | 0                                     | 0   | 0   | 0                                  | 32  | 32  | 0                       | 0   | 32  | 32  |
| 04/01-03/31   | 2            | 2                       | 2     | 2                        | 2     | 2                               | 2     | 2   | 2                                      | 2   | 2   | 2                                    | 2   | 2   | 2                                     | 2   | 2   | 2                                  | 2   | 2   | 2                       | 2   | 2   | 2   |
| 03/01-02/28   | 86           | 0                       | 73    | 0                        | 73    | 0                               | 86    | 86  | 86                                     | 86  | 73  | 73                                   | 86  | 86  | 0                                     | 0   | 0   | 0                                  | 86  | 86  | 0                       | 0   | 86  | 86  |
| 04/01-03/31   | 5            | 3                       | 5     | 3                        | 5     | 3                               | 5     | 3   | 5                                      | 3   | 5   | 3                                    | 5   | 3   | 5                                     | 3   | 5   | 3                                  | 5   | 3   | 5                       | 3   | 5   | 3   |
| 05/01-06/20   | 77           | 15                      | 69    | 11                       | 122   | 22                              | 77    | 77  | 77                                     | 77  | 69  | 69                                   | 77  | 77  | 0                                     | 0   | 0   | 0                                  | 77  | 77  | 0                       | 0   | 77  | 77  |
| 04/01-03/31   | 2            | 2                       | 2     | 2                        | 2     | 2                               | 2     | 2   | 2                                      | 2   | 2   | 2                                    | 2   | 2   | 2                                     | 2   | 2   | 2                                  | 2   | 2   | 2                       | 2   | 2   | 2   |
| 12/01-12/25   | 103          | 7                       | 64    | 0                        | 86    | 0                               | 103   | 103 | 103                                    | 103 | 64  | 64                                   | 103 | 103 | 0                                     | 0   | 0   | 0                                  | 103 | 103 | 0                       | 0   | 103 | 103 |
| 04/01-03/31   | 3            | 2                       | 3     | 2                        | 3     | 2                               | 3     | 2   | 3                                      | 2   | 3   | 2                                    | 3   | 2   | 3                                     | 2   | 3   | 2                                  | 3   | 2   | 3                       | 2   | 3   | 2   |
| 06/15-08/05   | 144          | 111                     | 213   | 50                       | 325   | 66                              | 144   | 144 | 144                                    | 144 | 213 | 213                                  | 144 | 144 | 0                                     | 0   | 0   | 0                                  | 144 | 144 | 0                       | 0   | 144 | 144 |
| 04/01-03/31   | 5            | 5                       | 5     | 5                        | 5     | 5                               | 5     | 5   | 5                                      | 5   | 5   | 5                                    | 5   | 5   | 5                                     | 5   | 5   | 5                                  | 5   | 5   | 5                       | 5   | 5   | 5   |
| 03/01-10/15   | 76           | 187                     | 90    | 264                      | 121   | 354                             | 76    | 76  | 76                                     | 76  | 138 | 138                                  | 138 | 138 | 0                                     | 0   | 0   | 0                                  | 76  | 76  | 0                       | 0   | 76  | 76  |
| 04/01-03/31   | 3            | 5                       | 3     | 5                        | 3     | 5                               | 3     | 5   | 3                                      | 5   | 3   | 5                                    | 3   | 5   | 3                                     | 5   | 3   | 5                                  | 3   | 5   | 3                       | 5   | 3   | 5   |
| 05/01-05/25   | 77           | 0                       | 125   | 0                        | 168   | 0                               | 77    | 77  | 77                                     | 77  | 125 | 125                                  | 77  | 77  | 0                                     | 0   | 0   | 0                                  | 77  | 77  | 0                       | 0   | 77  | 77  |
| 04/01-03/31   | 3            | 2                       | 3     | 2                        | 3     | 2                               | 3     | 2   | 3                                      | 2   | 3   | 2                                    | 3   | 2   | 3                                     | 2   | 3   | 2                                  | 3   | 2   | 3                       | 2   | 3   | 2   |
| 06/01-09/15   | 117          | 0                       | 138   | 49                       | 185   | 65                              | 117   | 117 | 117                                    | 117 | 138 | 138                                  | 117 | 117 | 0                                     | 0   | 0   | 0                                  | 117 | 117 | 0                       | 0   | 117 | 117 |
| 04/01-03/31   | 3            | 2                       | 3     | 2                        | 3     | 2                               | 3     | 2   | 3                                      | 2   | 3   | 2                                    | 3   | 2   | 3                                     | 2   | 3   | 2                                  | 3   | 2   | 3                       | 2   | 3   | 2   |
| 05/01-12/03   | 173          | 441                     | 228   | 374                      | 305   | 501                             | 173   | 173 | 173                                    | 173 | 228 | 228                                  | 173 | 173 | 0                                     | 0   | 0   | 0                                  | 173 | 173 | 0                       | 0   | 173 | 173 |
| 04/01-03/31   | 1            | 10                      | 1     | 10                       | 1     | 10                              | 1     | 10  | 1                                      | 10  | 1   | 10                                   | 1   | 10  | 1                                     | 10  | 1   | 10                                 | 1   | 10  | 1                       | 10  | 1   | 10  |
| 03/01-02/28   | 80           | 0                       | 100   | 772                      | 139   | 1197                            | 80    | 80  | 80                                     | 80  | 100 | 100                                  | 80  | 80  | 0                                     | 0   | 0   | 0                                  | 80  | 80  | 0                       | 0   | 80  | 80  |
| 04/01-03/31   | 3            | 4                       | 3     | 4                        | 3     | 4                               | 3     | 4   | 3                                      | 4   | 3   | 4                                    | 3   | 4   | 3                                     | 4   | 3   | 4                                  | 3   | 4   | 3                       | 4   | 3   | 4   |

## HAVER MOS-AMPS CONTINUE

| ALLOT.<br>No. | ALLOTMENT<br>NAME | MOT<br>SIS | ACRES  | EXCELLENT |       | GOOD |       | RANGE CONDITION |        | POOR  |       | UNSUITABLE |       | GRAZING<br>ACRES |
|---------------|-------------------|------------|--------|-----------|-------|------|-------|-----------------|--------|-------|-------|------------|-------|------------------|
|               |                   |            |        | BLM       | OTHER | BLM  | OTHER | BLM             | OTHER  | BLM   | OTHER | BLM        | OTHER |                  |
| 6076          | Fridgeman Lease   | N          | 319.7  | 0         | 0     | 0    | 0     | 319.7           | 0      | 0     | 0     | 0          | 0     | 43               |
| 6077          | North             | N          | 479.8  | 0         | 0     | 0    | 0     | 479.8           | 0      | 0     | 0     | 0          | 0     | 40               |
| 6078          | Ledge Creek       | N          | 252.9  | 968.3     | 0     | 0    | 0     | 193.5           | 814.3  | 57.9  | 153.0 | 0          | 0     | 3                |
| 6079          | East              | N          | 394.2  | 677.0     | 0     | 0    | 0     | 391.6           | 669.9  | 0     | 0     | 0          | 0     | 80               |
| 6080          | West              | N          | 605.6  | 34.0      | 0     | 0    | 0     | 605.6           | 34.0   | 0     | 0     | 0          | 0     | 60               |
| 6081          | Siemens           | N          | 40.0   | 673.3     | 0     | 0    | 0     | 38.0            | 328.1  | 0     | 176.4 | 0          | 0     | 2.0              |
| 6082          | Rabbit Hills      | N          | 213.8  | 244.6     | 0     | 0    | 0     | 165.2           | 244.2  | 43.7  | 0     | 0          | 0     | 4.9              |
| 6084          | Andy Reservoir    | N          | 436.4  | 0         | 0     | 0    | 0     | 56.5            | 0      | 319.3 | 0     | 0          | 0     | 60.6             |
| 6085          | Coal Coulee       | N          | 642.5  | 0         | 0     | 0    | 0     | 78.8            | 0      | 563.7 | 0     | 0          | 0     | 27               |
| 6089          | Pond Coulee       | N          | 479.6  | 465.3     | 0     | 0    | 0     | 479.6           | 465.3  | 0     | 0     | 0          | 0     | 64               |
| 6093          | Half Loaf         | N          | 312.9  | 0         | 0     | 0    | 0     | 312.9           | 0      | 0     | 0     | 0          | 0     | 40               |
| 6094          | Triangle          | N          | 513.7  | 899.4     | 0     | 0    | 0     | 193.8           | 772.7  | 319.4 | 126.7 | 0          | 0     | 70               |
| 6096          | West Fork         | N          | 876.8  | 912.6     | 0     | 0    | 0     | 875.5           | 907.9  | 0     | 0     | 0          | 0     | 155              |
| 6097          | Wayne Creek       | N          | 2320.6 | 29.7      | 0     | 0    | 0     | 2319.8          | 29.7   | 0     | 0     | 0          | 0     | 80               |
| 6098          | Buck Shot         | N          | 1710.3 | 1878.2    | 112.9 | 0    | 0     | 1597.4          | 1878.2 | 0     | 0     | 0          | 0     | 123              |
| 6100          | Big EL            | N          | 639.6  | 0         | 0     | 0    | 0     | 467.8           | 0      | 48.9  | 0     | 122.9      | 0     | 17               |
| 6102          | School House      | N          | 320.0  | 56.0      | 0     | 0    | 0     | 0               | 0      | 320.0 | 56.0  | 0          | 0     | 30               |
| 6104          | Stop Light        | N          | 40.0   | 0         | 0     | 0    | 0     | 0               | 40.0   | 0     | 0     | 0          | 0     | 1                |
| 6106          | Second            | N          | 159.6  | 2099.9    | 0     | 0    | 0     | 159.6           | 2099.9 | 0     | 0     | 0          | 0     | 11               |
| 6108          | County Line       | N          | 20.0   | 0         | 0     | 0    | 0     | 20.0            | 0      | 0     | 0     | 0          | 0     | 1                |
| 6109          | Miles Butte       | N          | 599.6  | 0         | 0     | 0    | 0     | 376.4           | 0      | 141.4 | 0     | 0          | 0     | 10               |
| 6110          | Nemontree         | N          | 638.8  | 0         | 0     | 0    | 0     | 160.7           | 0      | 478.1 | 0     | 0          | 0     | 70               |

| SEASON<br>OF USE | CURRENT<br>AUMS<br>BLK | REG. STOCKING<br>RATE/AUMS* | POTEN. FORAGE<br>PRODUCTION | ALTERNATIVE A |       | ALTERNATIVE B |       | ALTERNATIVE C |     | ALTERNATIVE D |     | ALTERNATIVE E |     | ALTERNATIVE F |    |   |     |     |
|------------------|------------------------|-----------------------------|-----------------------------|---------------|-------|---------------|-------|---------------|-----|---------------|-----|---------------|-----|---------------|----|---|-----|-----|
|                  |                        |                             |                             | BLK           | OTHER | BLK           | OTHER | ST            | LT  | ST            | LT  | ST            | LT  | ST            | LT |   |     |     |
| 05/01-06/15      | 62                     | 0                           | 95                          |               |       | 125           | 0     | 64            | 64  | 64            | 64  | 64            | 64  | 0             | 64 |   |     |     |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   |     |     |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   |     |     |
| 05/01-07/23      | 111                    | 0                           | 134                         | 0             | 134   | 0             | 111   | 111           | 111 | 111           | 134 | 134           | 111 | 111           | 0  | 0 | 111 | 111 |
| 04/01-03/31      | 3                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 35  | 35  |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 07/01-08/10      | 39                     | 65                          | 97                          | 167           | 130   | 225           | 39    | 39            | 39  | 39            | 97  | 97            | 39  | 39            | 0  | 0 | 39  | 39  |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 05/01-06/30      | 119                    | 0                           | 180                         | 10            | 241   | 13            | 119   | 119           | 119 | 119           | 180 | 180           | 119 | 119           | 0  | 0 | 119 | 119 |
| 04/01-03/31      | 3                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 05/01-09/30      | 5                      | 0                           | 8                           | 129           | 11    | 190           | 5     | 5             | 5   | 5             | 8   | 8             | 5   | 5             | 0  | 0 | 5   | 5   |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 05/15-10/23      | 34                     | 46                          | 39                          | 59            | 57    | 80            | 34    | 34            | 34  | 34            | 39  | 39            | 34  | 34            | 0  | 0 | 34  | 34  |
| 04/01-11/31      | 1                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 1   | 1   |
| 12/01-03/31      | 5                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 5   | 5   |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 03/01-02/28      | 58                     | 0                           | 103                         | 0             | 192   | 0             | 58    | 58            | 58  | 58            | 103 | 103           | 58  | 58            | 0  | 0 | 58  | 58  |
| 04/01-03/31      | 5                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 5   | 5   |
| 04/01-03/31      | 10                     |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 10  | 10  |
| 05/01-01/20      | 147                    | 0                           | 117                         | 0             | 221   | 0             | 147   | 147           | 147 | 147           | 117 | 117           | 147 | 147           | 0  | 0 | 147 | 147 |
| 04/01-03/31      | 5                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 5   | 5   |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 06/15-09/16      | 97                     | 98                          | 121                         | 117           | 162   | 158           | 97    | 97            | 97  | 97            | 121 | 121           | 97  | 97            | 0  | 0 | 97  | 97  |
| 04/01-03/31      | 3                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 3   | 3   |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 05/01-06/30      | 80                     | 0                           | 94                          | 0             | 125   | 0             | 80    | 80            | 80  | 80            | 94  | 94            | 80  | 80            | 0  | 0 | 80  | 80  |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 05/01-08/20      | 122                    | 135                         | 102                         | 223           | 172   | 313           | 122   | 122           | 122 | 122           | 102 | 102           | 122 | 122           | 0  | 0 | 122 | 122 |
| 04/01-03/31      | 3                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 3   | 3   |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 08/22-12/31      | 177                    | 185                         | 244                         | 229           | 327   | 308           | 177   | 177           | 177 | 177           | 244 | 244           | 177 | 177           | 0  | 0 | 177 | 177 |
| 04/01-03/31      | 5                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 5   | 5   |
| 04/01-03/31      | 10                     |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 10  | 10  |
| 03/01-02/28      | 486                    | 0                           | 652                         | 9             | 873   | 12            | 486   | 486           | 486 | 486           | 652 | 652           | 486 | 486           | 0  | 0 | 486 | 486 |
| 04/01-03/31      | 10                     |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 10  | 10  |
| 04/01-03/31      | 7                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 7   | 7   |
| 05/01-07/30      | 332                    | 365                         | 573                         | 674           | 751   | 898           | 332   | 332           | 332 | 332           | 573 | 573           | 332 | 332           | 0  | 0 | 332 | 332 |
| 04/01-03/31      | 9                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 9   | 9   |
| 04/01-03/31      | 7                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 7   | 7   |
| 03/01-02/28      | 198                    | 0                           | 162                         | 0             | 256   | 0             | 198   | 198           | 198 | 198           | 162 | 162           | 198 | 198           | 0  | 0 | 198 | 198 |
| 04/01-03/31      | 5                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 5   | 5   |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 05/01-07/31      | 78                     | 11                          | 67                          | 11            | 133   | 22            | 78    | 78            | 78  | 78            | 67  | 67            | 78  | 78            | 0  | 0 | 78  | 78  |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 05/01-10/01      | 9                      | 0                           | 8                           | 0             | 16    | 0             | 9     | 9             | 9   | 9             | 8   | 8             | 9   | 9             | 0  | 0 | 9   | 9   |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 10/01-12/31      | 34                     | 0                           | 48                          | 668           | 64    | 891           | 34    | 34            | 34  | 34            | 48  | 48            | 34  | 34            | 0  | 0 | 34  | 34  |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 03/01-02/28      | 4                      | 0                           | 6                           | 0             | 8     | 0             | 4     | 4             | 4   | 4             | 6   | 6             | 4   | 4             | 0  | 0 | 4   | 4   |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 03/01-02/28      | 115                    | 0                           | 197                         | 0             | 284   | 0             | 115   | 115           | 115 | 115           | 197 | 197           | 115 | 115           | 0  | 0 | 115 | 115 |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |
| 04/01-03/31      | 12                     |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 12  | 12  |
| 08/21-10/21      | 143                    | 0                           | 152                         | 0             | 259   | 0             | 143   | 143           | 143 | 143           | 152 | 152           | 143 | 143           | 0  | 0 | 143 | 143 |
| 04/01-03/31      | 5                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 5   | 5   |
| 04/01-03/31      | 2                      |                             |                             |               |       |               |       |               |     |               |     |               |     |               |    |   | 2   | 2   |

## HARVE NON-AMPS CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME | MCT<br>NO. | ACRES | EXCELLENT |       | GOOD |       | FAIR   |       | POOR  |       | UNSUITABLE |       | GRAZING<br>ANIMALS<br>NO.<br>CLS |                                |
|---------------|-------------------|------------|-------|-----------|-------|------|-------|--------|-------|-------|-------|------------|-------|----------------------------------|--------------------------------|
|               |                   |            |       | BLM       | OTHER | BLM  | OTHER | BLM    | OTHER | BLM   | OTHER | BLM        | OTHER |                                  |                                |
| 6112          | Unmarked          |            | 36.0  | 656.0     | 0     | 0    | 36.0  | 655.7  | 0     | 0     | 0     | 0          | 0     | 0                                | 1 CA<br>1 AN<br>1 DM           |
| 6113          | Zurich Park       | N          | 130.9 | 89.7      | 0     | 0    | 130.9 | 89.7   | 0     | 0     | 0     | 0          | 0     | 0                                | 1 CA<br>1 AN<br>1 DM           |
| 6114          | Harvey            | N          | 457.7 | 482.6     | 0     | 0    | 277.3 | 430.8  | 26.1  | 24.0  | 0     | 0          | 154.3 | 27.8                             | 40 CA<br>2 AN<br>19 AN<br>2 DM |
| 6116          | Rodeo             | N          | 748.3 | 576.5     | 0     | 0    | 619.5 | 444.0  | 57.9  | 127.0 | 0     | 0          | 70.9  | 5.5                              | 49 CA<br>3 AN<br>19 AN<br>3 DM |
| 6117          | Siphon            | N          | 152.7 | 408.0     | 0     | 0    | 28.9  | 199.4  | 118.1 | 198.8 | 0     | 0          | 5.7   | 9.8                              | 2 CA<br>1 AN<br>1 DM           |
| 6118          | Colony            | N          | 199.7 | 253.7     | 0     | 0    | 124.7 | 21.8   | 4.0   | 84.9  | 0     | 0          | 71.0  | 147.0                            | 4 CA<br>1 AN<br>1 DM           |
| 6124          | Harlen            | N          | 520.9 | 478.4     | 0     | 0    | 458.4 | 441.5  | 0     | 0     | 0     | 0          | 64.5  | 36.9                             | 6 CA<br>2 AS<br>2 DM           |
| 6126          | Peat              | N          | 50.0  | 0         | 0     | 0    | 50.0  | 0      | 0     | 0     | 0     | 0          | 0     | 0                                | 40 CA<br>1 AN<br>1 DM          |
| 6127          | Repeat            | N          | 141.0 | 234.0     | 0     | 0    | 141.0 | 234.0  | 0     | 0     | 0     | 0          | 0     | 0                                | 176 CA<br>1 AN<br>1 DM         |
| 6128          | Lateral           | N          | 159.8 | 638.7     | 0     | 0    | 123.5 | 281.7  | 34.9  | 352.5 | 0     | 0          | 1.4   | 4.5                              | 2 CA<br>1 AN<br>1 DM           |
| 6130          | Savoy Creek       | N          | 431.3 | 1559.8    | 0     | 0    | 351.8 | 1076.9 | 53.3  | 365.0 | 0     | 0          | 26.2  | 117.9                            | 351 CA<br>1 AN<br>1 DM         |
| 6138          | Herford           | N          | 39.6  | 0         | 0     | 0    | 17.9  | 0      | 19.8  | 0     | 0     | 0          | 1.9   | 0                                | 1 CA<br>1 AN<br>1 DM           |
| 6139          | Bowes Field       | N          | 158.4 | 0         | 0     | 0    | 99.4  | 0      | 38.7  | 0     | 0     | 0          | 20.3  | 0                                | 2 CA<br>1 AN<br>1 DM           |
| 6140          | Pipeline          | N          | 159.7 | 0         | 0     | 0    | 0     | 0      | 126.1 | 0     | 0     | 0          | 33.6  | 0                                | 2 CA<br>1 AN<br>1 DM           |
| 6141          | Miles Creek       | N          | 119.5 | 0         | 0     | 0    | 107.7 | 0      | 6.9   | 0     | 0     | 0          | 4.9   | 0                                | 4 CA<br>1 AN<br>1 DM           |
| 6142          | South Magda       | N          | 39.7  | 0         | 0     | 0    | 16.0  | 0      | 23.4  | 0     | 0     | 0          | 0.3   | 0                                | 2 CA<br>1 AN<br>1 DM           |
| 6143          | Farm              | N          | 79.8  | 0         | 0     | 0    | 25.8  | 0      | 51.6  | 0     | 0     | 0          | 2.4   | 0                                | 2 CA<br>1 AN<br>1 DM           |
| 6144          | County Road       | N          | 392.7 | 0         | 0     | 0    | 277.2 | 0      | 113.3 | 0     | 0     | 0          | 2.2   | 0                                | 8 CA<br>2 AN<br>1 DM           |
| 6145          | Black Coulee      | N          | 119.7 | 0         | 0     | 0    | 115.6 | 0      | 0     | 0     | 0     | 0          | 4.1   | 0                                | 2 CA<br>1 AN<br>1 DM           |
| 6146          | North Fork        | N          | 39.8  | 0         | 0     | 0    | 38.9  | 0      | 0     | 0     | 0     | 0          | 0.9   | 0                                | 1 CA<br>1 AN<br>1 DM           |
| 6147          | Big Coulee        | N          | 39.8  | 0         | 0     | 0    | 14.0  | 0      | 25.8  | 0     | 0     | 0          | 0     | 0                                | 1 CA<br>1 AN<br>1 DM           |
| 6148          | Mule Talk         | N          | 40.0  | 0         | 0     | 0    | 0     | 0      | 38.0  | 0     | 0     | 0          | 2.0   | 0                                | 1 CA<br>1 AN<br>1 DM           |
| 6149          | Timber Butte      | N          | 39.9  | 0         | 0     | 0    | 0     | 0      | 36.9  | 0     | 0     | 0          | 3.0   | 0                                | 1 CA<br>1 AN<br>1 DM           |
| 6150          | Corrigan Mountain | N          | 119.8 | 0         | 0     | 0    | 68.4  | 0      | 34.4  | 0     | 0     | 0          | 17.0  | 0                                | 3 CA<br>1 AN<br>1 DM           |
| 6152          | Gap Creek         | N          | 79.7  | 0         | 0     | 0    | 79.7  | 0      | 0     | 0     | 0     | 0          | 0     | 0                                | 2 CA<br>7 AN<br>2 DM           |

\* Allotments 6153, 55, 61, 62 63, 66, at end of Havre Non-AMP Section.



## HAYRE NON-AMPs CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME | PCT<br>S | ACRES | EXCELLENT |       | GOOD  |       | RANGE CONDITION |       | POOR  |       | UNSUITABLE |       | GRAZING<br>ANIMALS<br>NO.<br>CL |                                |
|---------------|-------------------|----------|-------|-----------|-------|-------|-------|-----------------|-------|-------|-------|------------|-------|---------------------------------|--------------------------------|
|               |                   |          |       | BLW       | OTHER | BLW   | OTHER | BLW             | OTHER | BLW   | OTHER | BLW        | OTHER |                                 |                                |
| 6176          | Molkjær           | S        | 199.7 | 0         | 0     | 133.3 | 0     | 27.8            | 0     | 0     | 0     | 38.6       | 0     | 3<br>CA<br>1<br>AN<br>1<br>DM   |                                |
| 6174          | Bench Mark        | N        | 239.5 | 0         | 0     | 48.0  | 0     | 148.9           | 0     | 0     | 0     | 42.6       | 0     | 3<br>CA<br>1<br>AN<br>2<br>DM   |                                |
| 6177          | Black Fork        | N        | 201.4 | 0         | 0     | 48.3  | 0     | 127.0           | 0     | 0     | 0     | 26.1       | 0     | 3<br>CA<br>1<br>AN<br>2<br>DM   |                                |
| 6178          | Lightning         | N        | 159.8 | 0         | 0     | 97.0  | 0     | 47.3            | 0     | 0     | 0     | 15.5       | 0     | 38<br>CA<br>2<br>AN<br>1<br>DM  |                                |
| 6180          | Bullseye          | N        | 39.9  | 0         | 0     | 17.0  | 0     | 22.9            | 0     | 0     | 0     | 0          | 0     | 1<br>CA<br>1<br>AN<br>1<br>DM   |                                |
| 6183          | Hirch Creek       | N        | 40.0  | 0         | 0     | 0     | 0     | 40.0            | 0     | 0     | 0     | 0          | 0     | 1<br>CA<br>1<br>AN<br>1<br>DM   |                                |
| 6187          | Northeast Fork    | N        | 519.4 | 0         | 0     | 23.2  | 0     | 480.2           | 0     | 0     | 0     | 16.0       | 0     | 100<br>CA<br>3<br>AN<br>2<br>DM |                                |
| 6189          | Mineral           | N        | 124.9 | 0         | 0     | 0     | 0     | 105.6           | 0     | 0     | 0     | 19.3       | 0     | 5<br>CA<br>1<br>AN<br>2<br>DM   |                                |
| 6190          | Oliver            | N        | 240.4 | 0         | 0     | 63.3  | 0     | 164.6           | 0     | 0     | 0     | 12.5       | 0     | 3<br>CA<br>1<br>AN<br>1<br>DM   |                                |
| 6207          | Ragland Bench     | N        | 69.9  | 0         | 0     | 0     | 0     | 37.5            | 0     | 0     | 0     | 3.5        | 0     | 3<br>CA<br>1<br>AN<br>1<br>DM   |                                |
| 6220          | Eight Mile Bench  | N        | 319.1 | 0         | 0     | 284.3 | 0     | 14.0            | 0     | 0     | 0     | 20.8       | 0     | 8<br>CA<br>1<br>AN<br>3<br>DM   |                                |
| 6223          | Husar Homeplace   | N        | 119.7 | 0         | 0     | 0     | 0     | 65.6            | 0     | 0     | 0     | 54.1       | 0     | 1<br>CA<br>1<br>AN<br>1<br>DM   |                                |
| 6226          | Big FM            | N        | 310.2 | 1823.1    | 0     | 0     | 306.9 | 1688.1          | 0     | 124.6 | 0     | 0          | 3.3   | 10.4                            | 55<br>CA<br>1<br>AN<br>3<br>DM |
| 6237          | Holding Pasture   | N        | 193.1 | 0         | 0     | 0     | 193.1 | 0               | 0     | 0     | 0     | 0          | 0     | 3<br>CA<br>1<br>AN<br>1<br>DM   |                                |
| 6238          | Highway           | N        | 364.5 | 26.9      | 0     | 0     | 362.5 | 26.9            | 0     | 0     | 0     | 0          | 2.0   | 0                               | 4<br>CA<br>1<br>AN<br>1<br>DM  |
| * 6241        | Pueblo            | N        | 79.8  | 265.2     | 0     | 0     | 76.9  | 259.8           | 0     | 0     | 0     | 0          | 2.9   | 5.4                             | 1<br>CA<br>1<br>AN<br>1<br>DM  |
| 6242          | Waylee            | N        | 282.7 | 589.2     | 0     | 0     | 113.9 | 368.4           | 166.8 | 210.9 | 0     | 0          | 2.0   | 9.9                             | 4<br>CA<br>1<br>AN<br>1<br>DM  |
| 6245          | Stirrup           | N        | 215.7 | 12.9      | 0     | 0     | 215.7 | 12.9            | 0     | 0     | 0     | 0          | 0     | 0                               | 80<br>CA<br>1<br>AN<br>1<br>DM |
| 6246          | Maddish Bass      | N        | 40.0  | 178.4     | 0     | 0     | 40.0  | 157.5           | 0     | 20.9  | 0     | 0          | 0     | 0                               | 4<br>CA<br>1<br>AN<br>1<br>DM  |
| 6247          | West Wildhorse    | N        | 113.8 | 0         | 0     | 0     | 103.8 | 0               | 0     | 0     | 0     | 0          | 10.0  | 0                               | 8<br>CA<br>1<br>AN<br>1<br>DM  |
| 6248          | Grove             | N        | 40.9  | 0         | 0     | 0     | 40.9  | 0               | 0     | 0     | 0     | 0          | 0     | 0                               | 1<br>CA<br>2<br>AN<br>1<br>DM  |
| 6250          | Milk River        | N        | 158.0 | 0         | 0     | 0     | 0     | 125.0           | 0     | 0     | 0     | 35.0       | 0     | 5<br>CA<br>1<br>AN<br>1<br>DM   |                                |
| 6252          | Valley Place      | N        | 40.0  | 0         | 0     | 0     | 0     | 40.0            | 0     | 0     | 0     | 0          | 0     | 0                               | 1<br>CA<br>1<br>AN<br>1<br>DM  |
| 6253          | Fifty/Fifty       | N        | 78.8  | 0         | 0     | 0     | 78.8  | 0               | 0     | 0     | 0     | 0          | 0     | 0                               | 1<br>CA<br>1<br>AN<br>1<br>DM  |
| 6254          | Lost Bird         | N        | 40.0  | 0         | 0     | 0     | 33.5  | 0               | 0     | 0     | 0     | 0          | 6.5   | 0                               | 1<br>CA<br>1<br>AN<br>1<br>DM  |

| SEASON<br>OF USE | CURRENT<br>ANNUAL<br>BLW<br>0 | REC. STOCKING<br>RATE/ANNUAL<br>BLW | POTEN. FORAGE<br>PRODUCTION<br>BLW | ALTERNATIVE A<br>END-OF-COMM<br>VEG. USES |       |    | ALTERNATIVE B<br>PRESENT<br>NIGHTS |     |     | ALTERNATIVE C<br>ENHANCED<br>LIVESTOCK<br>FORCE |    |    | ALTERNATIVE D<br>ENHANCED<br>WATERING/LIFE |     |    | ALTERNATIVE E<br>NO LIVESTOCK<br>GRAZING |     |     | ALTERNATIVE F<br>NO ACTION |    |  |
|------------------|-------------------------------|-------------------------------------|------------------------------------|---|-------|----|------------------------------------|-----|-----|---|----|----|--|-----|----|--|-----|-----|----------------------------|----|--|
|                  |                               |                                     |                                    | BLW                                       | OTHER | 0  | ST                                 | LT  | ST  | LT  | ST | LT | ST   | LT  | ST | LT                                       | ST  | LT  | ST                         | LT |  |
| 03/01/02/28      | 40                            | 0                                   | 15                                 | 0   | 21    | 0  | 35                                 | 35  | 35  | 35  | 40 | 40 | 35   | 35  | 0  | 0  | 35  | 35  |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 03/01/02/28      | 35                            | 0                                   | 40                                 | 0   | 71    | 0  | 35                                 | 35  | 35  | 35  | 40 | 40 | 35   | 35  | 0  | 0  | 35  | 35  |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 03/01/02/28      | 39                            | 0                                   | 44                                 | 0   | 77    | 0  | 39                                 | 39  | 39  | 39  | 44 | 44 | 39   | 39  | 0  | 0  | 39  | 39  |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 5                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 05/01/02/28      | 29                            | 429                                 | 34                                 | 0   | 51    | 0  | 29                                 | 29  | 29  | 29  | 34 | 34 | 29   | 29  | 0  | 0  | 29  | 29  |                            |    |  |
| 04/01/11/31      | 3                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 03/01/02/28      | 5                             | 0                                   | 11                                 | 0   | 17    | 0  | 5                                  | 5   | 5   | 5   | 11 | 11 | 5  | 5   | 0  | 0  | 5   | 5   |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 03/01/02/28      | 10                            | 0                                   | 7                                  | 0   | 13    | 0  | 10                                 | 10  | 10  | 10  | 7  | 7  | 10   | 10  | 0  | 0  | 10  | 10  |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 07/16/11/15      | 78                            | 334                                 | 84                                 | 0   | 156   | 0  | 78                                 | 78  | 78  | 78  | 84 | 84 | 78   | 78  | 0  | 0  | 78  | 78  |                            |    |  |
| 04/01/03/31      | 5                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 5                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 03/01/02/28      | 36                            | 0                                   | 40                                 | 0   | 69    | 0  | 36                                 | 36  | 36  | 36  | 40 | 40 | 36   | 36  | 0  | 0  | 36  | 36  |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 10/06/02/03      | 13                            | 0                                   | 13                                 | 0   | 22    | 0  | 13                                 | 13  | 13  | 13  | 13 | 13 | 13   | 13  | 0  | 0  | 13  | 13  |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 03/01/02/28      | 150                           | 0                                   | 78                                 | 0   | 106   | 0  | 150                                | 150 | 150 | 150   | 78 | 78 | 150  | 150 | 0  | 0  | 150 | 150 |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 7                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 03/01/02/28      | 7                             | 0                                   | 12                                 | 0   | 24    | 0  | 7                                  | 7   | 7   | 7   | 12 | 12 | 7  | 7   | 0  | 0  | 7   | 7   |                            |    |  |
| 04/01/03/31      | 1                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 06/01/08/16      | 60                            | 0                                   | 74                                 | 0   | 99    | 0  | 60                                 | 60  | 60  | 60  | 74 | 74 | 60   | 60  | 0  | 0  | 60  | 60  |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 03/01/02/28      | 35                            | 0                                   | 81                                 | 0   | 108   | 0  | 35                                 | 35  | 35  | 35  | 81 | 81 | 35   | 35  | 0  | 0  | 35  | 35  |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 07/01/09/09      | 65                            | 16                                  | 92                                 | 0   | 123   | 0  | 65                                 | 65  | 65  | 65  | 92 | 92 | 65   | 65  | 0  | 0  | 65  | 65  |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 03/01/02/28      | 9                             | 0                                   | 17                                 | 39  | 23    | 80 | 9                                  | 9   | 9   | 9   | 17 | 17 | 9  | 9   | 0  | 0  | 9   | 9   |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 03/01/02/28      | 9                             | 0                                   | 9                                  | 9   | 222   | 9  | 9                                  | 9   | 9   | 9   | 9  | 9  | 9  | 9   | 0  | 0  | 9   | 9   |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 11/04/11/18      | 40                            | 0                                   | 57                                 | 3   | 77    | 4  | 40                                 | 40  | 40  | 40  | 57 | 57 | 40   | 40  | 0  | 0  | 40  | 40  |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 03/01/05/01      | 8                             | 0                                   | 10                                 | 46  | 13    | 64 | 8                                  | 8   | 8   | 8   | 10 | 10 | 8  | 8   | 0  | 0  | 8   | 8   |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 06/01/09/30      | 32                            | 108                                 | 29                                 | 0   | 39    | 0  | 32                                 | 32  | 32  | 32  | 29 | 29 | 32   | 32  | 0  | 0  | 32  | 32  |                            |    |  |
| 04/01/11/30      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 03/01/02/28      | 6                             | 0                                   | 11                                 | 0   | 14    | 0  | 6                                  | 6   | 6   | 6   | 11 | 11 | 6  | 6   | 0  | 0  | 6   | 6   |                            |    |  |
| 04/01/03/31      | 3                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 03/01/02/28      | 35                            | 0                                   | 25                                 | 0   | 50    | 0  | 35                                 | 35  | 35  | 35  | 25 | 25 | 35   | 35  | 0  | 0  | 35  | 35  |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 03/01/02/28      | 6                             | 0                                   | 8                                  | 0   | 17    | 0  | 6                                  | 6   | 6   | 6   | 8  | 8  | 6  | 6   | 0  | 0  | 6   | 6   |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 03/01/02/28      | 16                            | 0                                   | 23                                 | 0   | 31    | 0  | 16                                 | 16  | 16  | 16  | 23 | 23 | 16   | 16  | 0  | 0  | 16  | 16  |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 03/01/02/28      | 8                             | 0                                   | 6                                  | 0   | 9     | 0  | 8                                  | 8   | 8   | 8   | 6  | 6  | 8  | 8   | 0  | 0  | 8   | 8   |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |
| 04/01/03/31      | 2                             |                                     |                                    |   |       |    |                                    |     |     |   |    |    |  |     |    |  |     |     |                            |    |  |

## HAVRE NON-AMPs CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME | WAT.<br>STS | ACRES | EXCELLENT |       | GOOD |       | RANGE CONDITION |       | POOR  |       | UNUSUITABLE |       | GRAZING<br>ANIMALS<br>No.<br>CL |   |                        |
|---------------|-------------------|-------------|-------|-----------|-------|------|-------|-----------------|-------|-------|-------|-------------|-------|---------------------------------|---|------------------------|
|               |                   |             |       | BLW       | OTHER | BLW  | OTHER | BLW             | OTHER | BLW   | OTHER | BLW         | OTHER |                                 |   |                        |
|               |                   |             |       | 0         | 0     | 0    | 0     | 274.9           | 0     | 0     | 0     | 0           | 0     |                                 |   |                        |
| 6293          | Whitlash          | N           | 538.9 | 0         | 0     | 0    | 0     | 0               | 0     | 0     | 0     | 0           | 0     | 25 CA<br>4 AN<br>3 AN<br>27 DM  |   |                        |
| 6301          | North Snake       | N           | 171.8 | 0         | 0     | 0    | 0     | 129.5           | 0     | 30.2  | 0     | 0           | 0     | 45 CA<br>1 AN<br>1 DM           |   |                        |
| 6303          | River Run         | N           | 39.7  | 0         | 0     | 0    | 0     | 38.3            | 0     | 0     | 0     | 0           | 0     | 1 CA<br>1 AN<br>1 DM            |   |                        |
| 6339          | Sullivan Bridge   | N           | 275.0 | 0         | 0     | 0    | 0     | 241.7           | 0     | 0     | 0     | 0           | 0     | 8 CA<br>1 AN<br>5 DM            |   |                        |
| 6340          | Cactus Flat       | N           | 583.3 | 0         | 0     | 0    | 0     | 10.4            | 0     | 465.2 | 0     | 16.7        | 0     | 91.0                            | 0 | 17 CA<br>1 AN<br>9 DM  |
| 6341          | Major             | N           | 8.0   | 0         | 0     | 0    | 0     | 0               | 0     | 8.0   | 0     | 0           | 0     | 0                               | 0 | 1 CA<br>1 AN<br>1 DM   |
| 6351          | Halverson         | N           | 39.9  | 0         | 0     | 0    | 0     | 39.9            | 0     | 0     | 0     | 0           | 0     | 0                               | 0 | 1 CA<br>1 AN<br>1 DM   |
| 6352          | Dahlen            | N           | 159.8 | 0         | 0     | 0    | 0     | 0               | 0     | 159.8 | 0     | 0           | 0     | 0                               | 0 | 3 CA<br>1 AN<br>1 DM   |
| 6353          | Bench             | N           | 317.8 | 0         | 0     | 0    | 0     | 0               | 0     | 298.8 | 0     | 0           | 0     | 19.0                            | 0 | 5 CA<br>1 AN<br>2 DM   |
| 6354          | Anticline         | N           | 639.7 | 0         | 0     | 0    | 0     | 0               | 0     | 388.2 | 0     | 0           | 0     | 251.5                           | 0 | 14 CA<br>1 AN<br>4 DM  |
| 6357          | Skryja            | N           | 79.8  | 0         | 0     | 0    | 0     | 0               | 0     | 29.6  | 0     | 46.9        | 0     | 3.3                             | 0 | 3 CA<br>1 AN<br>1 DM   |
| 6359          | Rimrock           | N           | 403.8 | 0         | 0     | 0    | 0     | 217.8           | 0     | 6.9   | 0     | 0           | 0     | 179.1                           | 0 | 10 CA<br>1 AN<br>2 DM  |
| 6361          | Gorden            | N           | 250.5 | 0         | 0     | 0    | 0     | 6.6             | 0     | 235.7 | 0     | 0           | 0     | 8.2                             | 0 | 4 CA<br>1 AN<br>2 DM   |
| 6363          | Open Flat         | N           | 559.4 | 0         | 0     | 0    | 0     | 0               | 0     | 409.3 | 0     | 42.0        | 0     | 106.1                           | 0 | 15 CA<br>1 AN<br>3 DM  |
| 6365          | Hasquet           | N           | 119.8 | 0         | 0     | 0    | 0     | 0               | 0     | 109.9 | 0     | 0           | 0     | 9.9                             | 0 | 2 CA<br>1 AN<br>1 DM   |
| 6367          | Big Damp          | N           | 847.4 | 0         | 0     | 0    | 0     | 11.0            | 0     | 693.3 | 0     | 0           | 0     | 143.1                           | 0 | 14 CA<br>1 AN<br>13 DM |
| 6368          | Parker            | N           | 158.9 | 0         | 0     | 0    | 0     | 0               | 0     | 134.1 | 0     | 0           | 0     | 24.8                            | 0 | 4 CA<br>1 AN<br>2 DM   |
| 6369          | Wood Duck         | N           | 186.7 | 0         | 0     | 0    | 0     | 0               | 0     | 151.4 | 0     | 0           | 0     | 35.3                            | 0 | 3 CA<br>1 AN<br>3 DM   |
| 6370          | Red Gear          | N           | 495.6 | 0         | 0     | 0    | 0     | 427.6           | 0     | 0     | 0     | 0           | 0     | 68.0                            | 0 | 9 CA<br>1 AN<br>7 DM   |
| 6371          | Reunty            | N           | 199.8 | 0         | 0     | 0    | 0     | 177.8           | 0     | 0     | 0     | 0           | 0     | 22.0                            | 0 | 9 CA<br>1 AN<br>4 DM   |
| 6372          | Wurley            | N           | 13.0  | 0         | 0     | 0    | 0     | 0               | 0     | 13.0  | 0     | 0           | 0     | 0                               | 0 | 6 CA<br>1 AN<br>1 DM   |
| 6373          | Oilmont           | N           | 486.6 | 0         | 0     | 0    | 0     | 158.7           | 0     | 211.9 | 0     | 85.4        | 0     | 30.6                            | 0 | 12 CA<br>2 AN<br>1 DM  |

| SEASON<br>OF USE | CURRENT<br>AUMS<br>BLM | REC. STOCKING<br>RATE/AUMS | POTEN. FORAGE<br>PRODUCTION | ALTERNATIVE A |       |           | ALTERNATIVE B                |     |     | ALTERNATIVE C |     |     | ALTERNATIVE D |     |     | ALTERNATIVE E |    |     | ALTERNATIVE F |    |    |
|------------------|------------------------|----------------------------|-----------------------------|---------------|-------|-----------|------------------------------|-----|-----|---------------|-----|-----|---------------|-----|-----|---------------|----|-----|---------------|----|----|
|                  |                        |                            |                             | BLM           | OTHER | BLM OTHER | ENHAN. COMBINED<br>VEG. USES | ST  | LT  | ST            | LT  | ST  | LT            | ST  | LT  | ST            | LT | ST  | LT            | ST | LT |
| 05/01-05/31      | 75                     | 0                          | 75                          | 2             |       |           |                              | 75  | 75  | 75            | 75  | 75  | 75            | 75  | 75  | 75            | 75 | 75  | 75            | 75 | 75 |
| 12/01-03/31      |                        |                            |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-11/30      |                        | 1                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-03/31      |                        | 65                         |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 07/16-08/15      | 45                     | 0                          | 32                          | 0             | 47    | 0         | 45                           | 45  | 45  | 45            | 45  | 32  | 32            | 45  | 45  | 0             | 0  | 45  | 45            |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 03/01-02/28      | 9                      | 0                          | 12                          | 0             | 16    | 0         | 9                            | 9   | 9   | 9             | 9   | 12  | 12            | 9   | 9   | 0             | 0  | 9   | 9             |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 03/01-02/28      | 95                     | 0                          | 66                          | 0             | 89    | 0         | 95                           | 95  | 95  | 95            | 95  | 66  | 66            | 95  | 95  | 0             | 0  | 95  | 95            |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-03/31      |                        | 12                         |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 03/01-02/28      | 203                    | 0                          | 75                          | 0             | 150   | 0         | 203                          | 203 | 203 | 203           | 203 | 75  | 75            | 203 | 203 | 0             | 0  | 203 | 203           |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 03/01-02/28      | 14                     | 0                          | 13                          | 0             | 18    | 0         | 14                           | 14  | 14  | 14            | 14  | 13  | 13            | 14  | 14  | 0             | 0  | 14  | 14            |    |    |
| 04/01-03/31      |                        |                            |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-03/31      |                        |                            |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 03/01-02/28      | 36                     | 0                          | 20                          | 0             | 40    | 0         | 36                           | 36  | 36  | 36            | 36  | 20  | 20            | 36  | 36  | 0             | 0  | 36  | 36            |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 03/01-02/28      | 62                     | 0                          | 50                          | 0             | 101   | 0         | 62                           | 62  | 62  | 62            | 62  | 50  | 50            | 62  | 62  | 0             | 0  | 62  | 62            |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-03/31      |                        | 5                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 03/01-02/28      | 171                    | 0                          | 57                          | 0             | 113   | 0         | 171                          | 171 | 171 | 171           | 171 | 57  | 57            | 171 | 171 | 0             | 0  | 171 | 171           |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-03/31      |                        | 10                         |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-09/15      | 15                     | 0                          | 7                           | 0             | 19    | 0         | 15                           | 15  | 15  | 15            | 15  | 7   | 7             | 15  | 15  | 0             | 0  | 15  | 15            |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 03/01-02/28      | 125                    | 0                          | 63                          | 0             | 84    | 0         | 125                          | 125 | 125 | 125           | 125 | 63  | 63            | 125 | 125 | 0             | 0  | 125 | 125           |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-03/31      |                        | 5                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 03/01-02/28      | 53                     | 0                          | 31                          | 0             | 60    | 0         | 53                           | 53  | 53  | 53            | 53  | 31  | 31            | 53  | 53  | 0             | 0  | 53  | 53            |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-03/31      |                        | 5                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 03/01-02/25      | 187                    | 0                          | 55                          | 0             | 116   | 0         | 187                          | 187 | 187 | 187           | 187 | 55  | 55            | 187 | 187 | 0             | 0  | 187 | 187           |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-03/31      |                        | 7                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 03/01-02/28      | 25                     | 0                          | 16                          | 0             | 32    | 0         | 25                           | 25  | 25  | 25            | 25  | 16  | 16            | 25  | 25  | 0             | 0  | 25  | 25            |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 03/01-02/28      | 167                    | 0                          | 108                         | 0             | 214   | 0         | 167                          | 167 | 167 | 167           | 167 | 108 | 108           | 167 | 167 | 0             | 0  | 167 | 167           |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-03/31      |                        | 31                         |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 05/01-11/30      | 28                     | 0                          | 20                          | 0             | 40    | 0         | 28                           | 28  | 28  | 28            | 28  | 20  | 20            | 28  | 28  | 0             | 0  | 28  | 28            |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-03/31      |                        | 5                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 05/28-02/29      | 37                     | 0                          | 23                          | 0             | 45    | 0         | 37                           | 37  | 37  | 37            | 37  | 23  | 23            | 37  | 37  | 0             | 0  | 37  | 37            |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-03/31      |                        | 7                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 03/01-02/28      | 107                    | 0                          | 103                         | 0             | 140   | 0         | 107                          | 107 | 107 | 107           | 107 | 103 | 103           | 107 | 107 | 0             | 0  | 107 | 107           |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-03/31      |                        | 17                         |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 03/01-02/28      | 75                     | 0                          | 44                          | 0             | 59    | 0         | 75                           | 75  | 75  | 75            | 75  | 44  | 44            | 75  | 75  | 0             | 0  | 75  | 75            |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-03/31      |                        | 10                         |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 03/01-02/28      | 13                     | 0                          | 2                           | 0             | 5     | 0         | 13                           | 13  | 13  | 13            | 13  | 2   | 2             | 13  | 13  | 0             | 0  | 13  | 13            |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 03/01-02/28      | 145                    | 0                          | 82                          | 0             | 145   | 0         | 145                          | 145 | 145 | 145           | 145 | 82  | 82            | 145 | 145 | 0             | 0  | 145 | 145           |    |    |
| 04/01-03/31      |                        | 3                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |
| 04/01-03/31      |                        | 2                          |                             |               |       |           |                              |     |     |               |     |     |               |     |     |               |    |     |               |    |    |

## HARVE NON-ANPS CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME | MOT<br>NO. | ACRES<br>SRS | EXCELLENT |       | GOOD |       | RANGE CONDITION |       | POOR  |       | UNUSABLE |       | GRAZING<br>ANIMALS<br>NO. &<br>CL |                                       |                                |
|---------------|-------------------|------------|--------------|-----------|-------|------|-------|-----------------|-------|-------|-------|----------|-------|-----------------------------------|---------------------------------------|--------------------------------|
|               |                   |            |              | BLW       | OTHER | BLW  | OTHER | BLW             | OTHER | BLW   | OTHER | BLW      | OTHER |                                   |                                       |                                |
| 6374          | Sandon            |            | 479.6        | 0         | 0     | 0    | 0     | 108.5           | 0     | 300.9 | 0     | 0        | 0     | 70.2                              | 0                                     |                                |
| 6375          | Psalmist          | N          | 66.0         | 0         | 0     | 0    | 0     | 66.0            | 0     | 0     | 0     | 0        | 0     | 0                                 | 1 CA<br>1 AN<br>1 DM                  |                                |
| 6376          | Jimmy             | N          | 94.9         | 0         | 0     | 0    | 78.9  | 0               | 0     | 0     | 0     | 0        | 16.0  | 0                                 | 10 CA<br>1 AN<br>1 DM                 |                                |
| 6377          |                   | N          | 39.9         | 0         | 0     | 0    | 0     | 39.9            | 0     | 0     | 0     | 0        | 0     | 0                                 | 10 SH                                 |                                |
| 6379          | Fairgrounds       | N          | 319.8        | 0         | 0     | 0    | 0     | 240.7           | 0     | 0     | 0     | 0        | 79.1  | 0                                 | 6 H<br>6 AN<br>1 AN<br>2 DM           |                                |
| 6380          | Keil              | N          | 183.7        | 0         | 0     | 0    | 0     | 169.4           | 0     | 0     | 0     | 0        | 16.3  | 0                                 | 5 CA<br>1 AN<br>1 DM                  |                                |
| 6381          | H & M             | N          | 117.7        | 0         | 0     | 0    | 0     | 91.5            | 0     | 0     | 0     | 0        | 26.2  | 0                                 | 3 CA<br>3 AN<br>1 DM                  |                                |
| 6383          | Marvin            | N          | 31.0         | 0         | 0     | 0    | 0     | 31.0            | 0     | 0     | 0     | 0        | 0     | 0                                 | 1 CA<br>1 AN<br>1 DM<br>1 DM          |                                |
| 6384          | Myron             | N          | 61.9         | 0         | 0     | 0    | 7.0   | 0               | 37.3  | 0     | 0     | 0        | 17.6  | 0                                 | 1 CA<br>1 AN<br>1 DM                  |                                |
| 6385          | Judisch           | N          | 240.0        | 0         | 0     | 0    | 0     | 127.0           | 0     | 70.0  | 0     | 0        | 43.0  | 0                                 | 3 CA<br>1 AN<br>1 DM                  |                                |
| 6386          | Mack              | N          | 360.0        | 0         | 0     | 0    | 0     | 360.0           | 0     | 0     | 0     | 0        | 0     | 0                                 | 7 CA<br>1 AN<br>2 DM                  |                                |
| 6387          | John              | N          | 202.5        | 0         | 0     | 0    | 0     | 180.3           | 0     | 0     | 0     | 0        | 22.2  | 0                                 | 6 CA<br>1 AN<br>1 DM                  |                                |
| 6388          | Annie             | N          | 119.8        | 0         | 47.4  | 0    | 0     | 0               | 0     | 0     | 0     | 0        | 72.4  | 0                                 | 3 CA<br>1 AN<br>6 DM<br>1 ER          |                                |
| 6390          | Mickey            | N          | 199.8        | 0         | 65.5  | 0    | 0     | 0               | 0     | 0     | 0     | 0        | 0     | 134.3                             | 0                                     | 14 CA<br>1 AN<br>12 BR<br>3 ER |
| 6391          | Fay               | N          | 29.8         | 0         | 8.5   | 0    | 0     | 0               | 0     | 0     | 0     | 0        | 21.3  | 0                                 | 1 CA<br>1 AN<br>3 DM<br>1 ER          |                                |
| 6392          | Antelopa          | N          | 317.0        | 0         | 0     | 0    | 93.8  | 0               | 221.0 | 0     | 0     | 0        | 2.2   | 0                                 | 8 CA<br>1 AN<br>4 DM                  |                                |
| 6394          | Blackfoot         | N          | 382.2        | 111.8     | 186.4 | 80.6 | 2.8   | 0               | 38.9  | 0     | 0     | 0        | 154.1 | 31.2                              | 9 CA<br>3 AN<br>9 AN<br>15 DM<br>4 ER |                                |
| 6397          | Oswood            | N          | 635.6        | 59.9      | 209.8 | 9.7  | 10.8  | 0               | 0     | 0     | 0     | 0        | 415.0 | 50.2                              | 5 CA<br>3 AN<br>2 AN<br>36 DM<br>7 ER |                                |
| 6401          | Senator           | N          | 359.5        | 0         | 0     | 0    | 0     | 0               | 273.5 | 0     | 0     | 0        | 85.9  | 0                                 | 6 CA<br>1 AN<br>1 DM                  |                                |
| 6402          | Link              | N          | 274.9        | 0         | 0     | 0    | 0     | 0               | 190.6 | 0     | 0     | 0        | 84.3  | 0                                 | 5 CA<br>1 AN<br>1 DM                  |                                |
| 6403          | Shadrock          | N          | 639.7        | 0         | 0     | 0    | 0     | 0               | 639.7 | 0     | 0     | 0        | 0     | 0                                 | 16 CA<br>1 AN<br>3 DM                 |                                |
| 6404          | Tiber             | N          | 39.9         | 0         | 0     | 0    | 0     | 39.9            | 0     | 0     | 0     | 0        | 0     | 0                                 | 1 CA<br>1 AN<br>1 DM                  |                                |
| 6405          | Battle            | N          | 519.4        | 0         | 0     | 0    | 0     | 518.4           | 0     | 0     | 0     | 0        | 0     | 0                                 | 11 CA<br>1 AN<br>2 DM                 |                                |

| SEASON<br>OF USE | CURRENT<br>AUMs | REC. STOCKING<br>RATE/AUMs | POTEN.<br>FORAGE<br>PRODUCTION | ENHAN.<br>COMBINED<br>VEG. USES | ALTERNATIVE A |       | ALTERNATIVE B |       | ALTERNATIVE C |     | ALTERNATIVE D |     | ALTERNATIVE E |     | ALTERNATIVE F |     |     |
|------------------|-----------------|----------------------------|--------------------------------|---------------------------------|---------------|-------|---------------|-------|---------------|-----|---------------|-----|---------------|-----|---------------|-----|-----|
|                  |                 |                            |                                |                                 | BLW           | OTHER | BLW           | OTHER | BLW           | LT  | BLW           | LT  | BLW           | LT  | BLW           | LT  |     |
| 03/01/03-03/28   | 120             | 0                          | 68                             | 0                               | 118           | 0     | 120           | 0     | 120           | 120 | 120           | 120 | 88            | 88  | 120           | 120 |     |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 5               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 03/01/03-02/28   | 8               | 0                          | 12                             | 0                               | 23            | 0     | 8             | 8     | 8             | 8   | 12            | 12  | 8             | 8   | 0             | 0   | 8   |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 06/01/03-07/29   | 40              | 0                          | 24                             | 0                               | 31            | 0     | 40            | 40    | 40            | 40  | 24            | 24  | 40            | 40  | 0             | 0   | 40  |
| 04/01/03-03/31   | 1               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 09/16-11/30      | 5               | 0                          | 6                              | 0                               | 11            | 0     | 5             | 5     | 5             | 5   | 6             | 6   | 5             | 5   | 0             | 0   | 5   |
| 03/01/02-02/28   | 80              | 0                          | 29                             | 0                               | 58            | 0     | 80            | 80    | 80            | 80  | 29            | 29  | 80            | 80  | 0             | 0   | 80  |
| 12/01/02-03/31   | 3               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/02-03/31   | 1               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/02-03/31   | 5               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 03/01/02-02/28   | 62              | 0                          | 23                             | 0                               | 46            | 0     | 62            | 62    | 62            | 62  | 23            | 23  | 62            | 62  | 0             | 0   | 62  |
| 04/01/02-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/02-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 03/01/02-02/28   | 46              | 0                          | 14                             | 0                               | 28            | 0     | 44            | 44    | 44            | 44  | 14            | 14  | 44            | 44  | 0             | 0   | 44  |
| 04/01/02-03/31   | 5               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/02-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 03/08-09/07      | 7               | 0                          | 8                              | 0                               | 17            | 0     | 7             | 7     | 7             | 7   | 8             | 8   | 7             | 7   | 0             | 0   | 7   |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 03/01/02-02/29   | 10              | 0                          | 9                              | 0                               | 16            | 0     | 10            | 10    | 10            | 10  | 9             | 9   | 10            | 10  | 0             | 0   | 10  |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 03/01/02-02/28   | 37              | 0                          | 16                             | 0                               | 39            | 0     | 37            | 37    | 37            | 37  | 16            | 16  | 37            | 37  | 0             | 0   | 37  |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 03/01/02-02/28   | 90              | 0                          | 37                             | 0                               | 73            | 0     | 90            | 90    | 90            | 90  | 37            | 37  | 90            | 90  | 0             | 0   | 90  |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 5               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 03/01/02-02/28   | 68              | 0                          | 32                             | 0                               | 63            | 0     | 68            | 68    | 68            | 68  | 32            | 32  | 68            | 68  | 0             | 0   | 68  |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 03/01/02-02/28   | 37              | 0                          | 18                             | 0                               | 18            | 0     | 37            | 37    | 37            | 37  | 18            | 18  | 37            | 37  | 0             | 0   | 37  |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 14              |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 8               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 12/01/02-02/28   | 43              | 0                          | 37                             | 0                               | 37            | 0     | 43            | 43    | 43            | 43  | 37            | 37  | 43            | 43  | 0             | 0   | 43  |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 29              |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 25              |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 03/01/02-02/28   | 14              | 0                          | 5                              | 0                               | 5             | 0     | 14            | 14    | 14            | 14  | 5             | 5   | 14            | 14  | 0             | 0   | 14  |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 7               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 8               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 03/01/02-02/28   | 100             | 0                          | 91                             | 0                               | 154           | 0     | 100           | 100   | 100           | 100 | 91            | 91  | 100           | 100 | 0             | 0   | 100 |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 10              |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 03/01/02-02/28   | 115             | 0                          | 100                            | 41                              | 108           | 41    | 115           | 115   | 115           | 115 | 100           | 100 | 115           | 115 | 0             | 0   | 115 |
| 04/01/03-03/31   | 3               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 5               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 12/01/02-03/31   | 36              |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 12/01/02-03/31   | 36              |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 12/01/02-03/31   | 36              |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 03/01/02-02/28   | 36              | 0                          | 101                            | 4                               | 102           | 4     | 36            | 36    | 36            | 36  | 101           | 101 | 36            | 36  | 0             | 0   | 36  |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 86              |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 59              |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 03/01/02-02/28   | 70              | 0                          | 39                             | 0                               | 79            | 0     | 70            | 70    | 70            | 70  | 39            | 39  | 70            | 70  | 0             | 0   | 70  |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 03/01/02-02/28   | 34              | 0                          | 24                             | 0                               | 47            | 0     | 34            | 34    | 34            | 34  | 24            | 24  | 34            | 34  | 0             | 0   | 34  |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 03/01/02-02/28   | 195             | 0                          | 82                             | 0                               | 163           | 0     | 195           | 195   | 195           | 195 | 82            | 82  | 195           | 195 | 0             | 0   | 195 |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 7               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 03/01/02-02/28   | 10              | 0                          | 4                              | 0                               | 9             | 0     | 10            | 10    | 10            | 10  | 4             | 4   | 10            | 10  | 0             | 0   | 10  |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 03/01/02-02/28   | 139             | 0                          | 63                             | 0                               | 125           | 0     | 139           | 139   | 139           | 139 | 63            | 63  | 139           | 139 | 0             | 0   | 139 |
| 04/01/03-03/31   | 2               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |
| 04/01/03-03/31   | 5               |                            |                                |                                 |               |       |               |       |               |     |               |     |               |     | 0             | 0   |     |

## HAVER NON-AMPS CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME | MOT<br>STS | ACRES  |       | EXCELLENT |       | GOOD  |       | RANGE CONDITION |       | POOR |       | UNFITTABLE |       | GRAZING<br>ANIMALS |       |
|---------------|-------------------|------------|--------|-------|-----------|-------|-------|-------|-----------------|-------|------|-------|------------|-------|--------------------|-------|
|               |                   |            | BLM    | OTHER | BLM       | OTHER | BLM   | OTHER | BLM             | OTHER | BLM  | OTHER | BLM        | OTHER | BLM                | OTHER |
| 6406          | Kaun              | N          | 39.6   | 0     | 0         | 0     | 116.1 | 0     | 0               | 0     | 0    | 0     | 3.7        | 0     | 3                  | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | DM    |
| 6407          | Bootlegger        | N          | 119.8  | 0     | 0         | 0     | 116.1 | 0     | 0               | 0     | 0    | 0     | 3.7        | 0     | 3                  | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 2                  | DM    |
| 6408          | Pinto             | N          | 119.8  | 0     | 0         | 0     | 99.7  | 0     | 14.9            | 0     | 0    | 0     | 5.2        | 0     | 3                  | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 2                  | DM    |
| 6409          | Sawtimber         | N          | 112.0  | 0     | 0         | 0     | 102.5 | 0     | 0               | 0     | 0    | 0     | 9.5        | 0     | 3                  | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | DM    |
| 6410          | Werrick           | N          | 40.0   | 0     | 0         | 0     | 38.0  | 0     | 0               | 0     | 0    | 0     | 2.0        | 0     | 1                  | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | DM    |
| 6411          | IX Ranch          | N          | 199.8  | 0     | 0         | 0     | 150.1 | 0     | 45.0            | 0     | 0    | 0     | 4.7        | 0     | 3                  | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 2                  | DM    |
| 6413          | Weaver            | N          | 153.4  | 0     | 0         | 0     | 48.8  | 0     | 46.6            | 0     | 0    | 0     | 58.0       | 0     | 3                  | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 2                  | DM    |
| 6416          | Kings Coulee      | N          | 159.4  | 0     | 0         | 0     | 0     | 0     | 148.6           | 0     | 0    | 0     | 10.8       | 0     | 100                | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | DM    |
| 6417          | Trafalgar         | N          | 159.6  | 0     | 0         | 0     | 7.8   | 0     | 128.2           | 0     | 0    | 0     | 23.6       | 0     | 8                  | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 3                  | DM    |
| 6418          | Blanchard         | N          | 416.4  | 0     | 0         | 0     | 0     | 0     | 398.6           | 0     | 0    | 0     | 17.8       | 0     | 20                 | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 5                  | DM    |
| 6419          | Kelly             | N          | 241.4  | 0     | 0         | 0     | 0     | 0     | 210.4           | 0     | 0    | 0     | 31.0       | 0     | 10                 | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 4                  | DM    |
| 6420          | Clinard Coulee    | N          | 317.5  | 0     | 0         | 0     | 97.0  | 0     | 168.3           | 0     | 0    | 0     | 52.2       | 0     | 6                  | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 3                  | DM    |
| 6421          | Henry             | N          | 119.7  | 0     | 0         | 0     | 101.7 | 0     | 18.0            | 0     | 0    | 0     | 0          | 0     | 3                  | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | DM    |
| 6422          | North Hanging 5   | N          | 142.7  | 326.3 | 0         | 0     | 0     | 10.4  | 129.7           | 276.1 | 0    | 0     | 13.0       | 39.8  | 8                  | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 3                  | DM    |
| 6423          | Cook              | N          | 39.7   | 0     | 0         | 0     | 0     | 0     | 39.7            | 0     | 0    | 0     | 0          | 0     | 1                  | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | DM    |
| 6424          | Blazek            | N          | 336.3  | 0     | 0         | 0     | 182.7 | 0     | 72.9            | 0     | 0    | 0     | 80.7       | 0     | 15                 | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 2                  | DM    |
| 6425          | Piedars           | N          | 1335.7 | 0     | 0         | 0     | 699.2 | 0     | 269.0           | 0     | 0    | 0     | 367.5      | 0     | 4                  | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 2                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 8                  | DM    |
| 6426          | Crouse            | N          | 185.8  | 0     | 0         | 0     | 38.0  | 0     | 139.9           | 0     | 0    | 0     | 7.9        | 0     | 3                  | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 4                  | DM    |
| 6427          | Redd              | N          | 80.9   | 0     | 0         | 0     | 26.9  | 0     | 54.0            | 0     | 0    | 0     | 0          | 0     | 1                  | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | DM    |
| 6428          | Bluestick         | N          | 113.7  | 0     | 0         | 0     | 93.3  | 0     | 16.9            | 0     | 0    | 0     | 3.5        | 0     | 3                  | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | DM    |
| 6429          | Puna              | N          | 140.4  | 0     | 0         | 0     | 108.4 | 0     | 0               | 0     | 0    | 0     | 32.0       | 0     | 5                  | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | DM    |
| 6430          | Braun             | N          | 364.3  | 0     | 0         | 0     | 183.9 | 0     | 51.6            | 0     | 0    | 0     | 128.8      | 0     | 8                  | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 3                  | DM    |
| 6431          | Cougar            | N          | 351.6  | 0     | 0         | 0     | 240.9 | 0     | 84.5            | 0     | 0    | 0     | 6.2        | 0     | 9                  | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 3                  | DM    |
| 6432          | Arroyo            |            | 552.3  | 0     | 0         | 0     | 0     | 0     | 499.6           | 0     | 0    | 0     | 52.7       | 0     | 11                 | CA    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 1                  | AN    |
|               |                   |            |        |       |           |       |       |       |                 |       |      |       |            |       | 9                  | DM    |

| STATION<br>OF USE | CURRENT ALM<br># | REC. STOCKING<br>RATE/ALM | POTEN. FORAGE<br>PRODUCTION | ALTERNATIVE A |              |              | ALTERNATIVE B                |         |         | ALTERNATIVE C |         |                         | ALTERNATIVE D |         |                            | ALTERNATIVE E |         |                         | ALTERNATIVE F |         |           |  |
|-------------------|------------------|---------------------------|-----------------------------|---------------|--------------|--------------|------------------------------|---------|---------|---------------|---------|-------------------------|---------------|---------|----------------------------|---------------|---------|-------------------------|---------------|---------|-----------|--|
|                   |                  |                           |                             | BLW<br>#      | BLW<br>OTHER | BLW<br>OTHER | ENHAN. COMBINED<br>VEG. USES | ST<br># | LT<br># | ST<br>#       | LT<br># | ENHANCED<br>LVL. FORAGE | ST<br>#       | LT<br># | ENHANCED<br>WATER/WILDLIFE | ST<br>#       | LT<br># | NO LIVESTOCK<br>CRAZING | ST<br>#       | LT<br># | NO ACTION |  |
| 03/01-02/28       | 14               | 0                         | 0                           | 14            | 0            | 0            | 0                            | 14      | 0       | 14            | 14      | 0                       | 0             | 0       | 0                          | 0             | 0       | 0                       | 0             | 0       | 0         |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 03/01-02/28       | 35               | 0                         | 28                          | 0             | 38           | 0            | 35                           | 35      | 35      | 35            | 35      | 28                      | 28            | 35      | 35                         | 0             | 0       | 35                      | 35            | 0       | 0         |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 5                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 03/01-02/28       | 37               | 0                         | 25                          | 0             | 35           | 0            | 37                           | 37      | 37      | 37            | 37      | 25                      | 25            | 37      | 37                         | 0             | 0       | 37                      | 37            | 0       | 0         |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 5                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 03/01-02/28       | 38               | 0                         | 25                          | 0             | 37           | 0            | 38                           | 38      | 38      | 38            | 38      | 25                      | 25            | 38      | 38                         | 0             | 0       | 38                      | 38            | 0       | 0         |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 03/01-02/28       | 11               | 0                         | 17                          | 0             | 22           | 0            | 11                           | 11      | 11      | 11            | 11      | 17                      | 17            | 11      | 11                         | 0             | 0       | 11                      | 11            | 0       | 0         |  |
| 04/01-03/30       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/21       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 03/01-02/28       | 60               | 0                         | 51                          | 0             | 72           | 0            | 60                           | 60      | 60      | 60            | 60      | 51                      | 51            | 60      | 60                         | 0             | 0       | 60                      | 60            | 0       | 0         |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 5                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 03/01-02/28       | 34               | 0                         | 17                          | 0             | 27           | 0            | 34                           | 34      | 34      | 34            | 34      | 17                      | 17            | 34      | 34                         | 0             | 0       | 34                      | 34            | 0       | 0         |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 5                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 03/08-09/07       | 25               | 0                         | 25                          | 0             | 49           | 0            | 25                           | 25      | 25      | 25            | 25      | 25                      | 25            | 25      | 25                         | 0             | 0       | 25                      | 25            | 0       | 0         |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 03/01-06/31       | 23               | 0                         | 19                          | 0             | 37           | 0            | 23                           | 23      | 23      | 23            | 23      | 19                      | 19            | 23      | 23                         | 0             | 0       | 23                      | 23            | 0       | 0         |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 7                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 05/15-09/15       | 81               | 0                         | 66                          | 0             | 132          | 0            | 81                           | 81      | 81      | 81            | 81      | 66                      | 66            | 81      | 81                         | 0             | 0       | 81                      | 81            | 0       | 0         |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 14               |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 08/01-01/15       | 55               | 0                         | 28                          | 0             | 55           | 0            | 55                           | 55      | 55      | 55            | 55      | 28                      | 28            | 55      | 55                         | 0             | 0       | 55                      | 55            | 0       | 0         |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 10               |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 03/01-02/28       | 70               | 0                         | 47                          | 0             | 80           | 0            | 70                           | 70      | 70      | 70            | 70      | 47                      | 47            | 70      | 70                         | 0             | 0       | 70                      | 70            | 0       | 0         |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 7                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 03/01-02/28       | 34               | 0                         | 27                          | 0             | 39           | 0            | 34                           | 34      | 34      | 34            | 34      | 70                      | 70            | 34      | 34                         | 0             | 0       | 34                      | 34            | 0       | 0         |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 03/01-02/28       | 35               | 0                         | 20                          | 0             | 41           | 0            | 35                           | 35      | 35      | 35            | 35      | 20                      | 20            | 35      | 35                         | 0             | 0       | 35                      | 35            | 0       | 0         |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 7                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 03/01-02/28       | 12               | 0                         | 6                           | 0             | 11           | 0            | 12                           | 12      | 12      | 12            | 12      | 6                       | 6             | 12      | 12                         | 0             | 0       | 12                      | 12            | 0       | 0         |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 05/15-11/14       | 90               | 0                         | 57                          | 0             | 85           | 0            | 90                           | 90      | 90      | 90            | 90      | 57                      | 57            | 90      | 90                         | 0             | 0       | 90                      | 90            | 0       | 0         |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 5                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 03/01-02/28       | 54               | 0                         | 138                         | 0             | 238          | 0            | 54                           | 54      | 54      | 54            | 54      | 158                     | 158           | 54      | 54                         | 0             | 0       | 54                      | 54            | 0       | 0         |  |
| 04/01-03/31       | 3                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 19               |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 03/01-02/28       | 42               | 0                         | 31                          | 0             | 55           | 0            | 42                           | 42      | 42      | 42            | 42      | 31                      | 31            | 42      | 42                         | 0             | 0       | 42                      | 42            | 0       | 0         |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 03/01-01/08       | 18               | 0                         | 14                          | 0             | 25           | 0            | 18                           | 18      | 18      | 18            | 18      | 14                      | 14            | 18      | 18                         | 0             | 0       | 18                      | 18            | 0       | 0         |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 03/01-02/28       | 33               | 0                         | 24                          | 0             | 35           | 0            | 33                           | 33      | 33      | 33            | 33      | 24                      | 24            | 33      | 33                         | 0             | 0       | 33                      | 33            | 0       | 0         |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 03/01-02/28       | 53               | 0                         | 27                          | 0             | 36           | 0            | 53                           | 53      | 53      | 53            | 53      | 27                      | 27            | 53      | 53                         | 0             | 0       | 53                      | 53            | 0       | 0         |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/15-10/31       | 43               | 0                         | 57                          | 0             | 82           | 0            | 42                           | 42      | 42      | 42            | 42      | 57                      | 57            | 42      | 42                         | 0             | 0       | 42                      | 42            | 0       | 0         |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 7                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 03/01-02/28       | 107              | 0                         | 73                          | 0             | 107          | 0            | 107                          | 107     | 107     | 107           | 107     | 73                      | 73            | 107     | 107                        | 0             | 0       | 107                     | 107           | 0       | 0         |  |
| 04/01-03/30       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 7                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 03/01-02/28       | 139              | 0                         | 71                          | 0             | 142          | 0            | 139                          | 139     | 139     | 139           | 139     | 71                      | 71            | 139     | 139                        | 0             | 0       | 139                     | 139           | 0       | 0         |  |
| 04/01-03/31       | 2                |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |
| 04/01-03/31       | 22               |                           |                             |               |              |              |                              |         |         |               |         |                         |               |         |                            |               |         |                         |               |         |           |  |

## HAYKE NON-AMPS CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME | NCT<br>N | ACRES | EXCEREDENT |       | GOOD |       | BANNER CONDITION |       |       | UNSUITABLE |      | CRAZING<br>ANIMALS |       |       |
|---------------|-------------------|----------|-------|------------|-------|------|-------|------------------|-------|-------|------------|------|--------------------|-------|-------|
|               |                   |          |       | BLM        | OTHER | BLM  | OTHER | BLM              | FAIR  | OTHER | BLM        | POOR | OTHER              | BLM   | OTHER |
| 6433          | Valkrie           | N        | 80.0  | 0          | 0     | 0    | 0     | 38.5             | 0     | 0     | 0          | 0    | 0                  | 11.1  | 0     |
| 6436          | Lasso             | N        | 40.0  | 0          | 0     | 0    | 0     | 38.5             | 0     | 0     | 0          | 0    | 0                  | 1.5   | 0     |
| 6437          | Loma Ranch        | N        | 100.8 | 0          | 0     | 0    | 0     | 6.0              | 0     | 84.8  | 0          | 0    | 0                  | 10.0  | 0     |
| 6438          | Hackensore        | N        | 358.4 | 0          | 0     | 0    | 0     | 0                | 344.2 | 0     | 0          | 0    | 0                  | 14.2  | 0     |
| 6440          | Latigo            | N        | 399.6 | 0          | 0     | 0    | 0     | 0                | 349.1 | 0     | 0          | 0    | 0                  | 50.5  | 0     |
| 6441          | Stevens           | N        | 456.1 | 0          | 6.0   | 0    | 283.5 | 0                | 75.7  | 0     | 0          | 0    | 0                  | 90.9  | 0     |
| 6445          | Marias Brooks     | N        | 181.3 | 0          | 0     | 0    | 4.0   | 0                | 164.2 | 0     | 0          | 0    | 0                  | 13.1  | 0     |
| 6454          | Two-bit           | N        | 40.0  | 0          | 0     | 0    | 40.0  | 0                | 0     | 0     | 0          | 0    | 0                  | 0     | 0     |
| 6456          | Reservation       | N        | 425.8 | 0          | 134.9 | 0    | 256.8 | 0                | 0     | 0     | 0          | 0    | 0                  | 34.1  | 0     |
| 6457          | South Baldy       | N        | 119.9 | 0          | 0     | 0    | 109.3 | 0                | 0     | 0     | 0          | 0    | 0                  | 10.6  | 0     |
| 6458          | Bears Paw         | N        | 23.0  | 0          | 0     | 0    | 22.5  | 0                | 0     | 0     | 0          | 0    | 0                  | 2.5   | 0     |
| 6459          | Bull Rock         | N        | 40.0  | 0          | 0     | 0    | 0     | 40.0             | 0     | 0     | 0          | 0    | 0                  | 0     | 0     |
| 6460          | Kremlin           | N        | 80.0  | 0          | 0     | 0    | 0     | 80.0             | 0     | 0     | 0          | 0    | 0                  | 0     | 0     |
| 6461          | Fresno            | N        | 120.0 | 0          | 0     | 0    | 88.5  | 0                | 0     | 0     | 0          | 0    | 0                  | 31.5  | 0     |
| 6462          | Dynasty           | N        | 81.9  | 0          | 0     | 0    | 0     | 0                | 81.9  | 0     | 0          | 0    | 0                  | 0     | 0     |
| 6464          | Strudel           | N        | 80.0  | 0          | 0     | 0    | 0     | 80.0             | 0     | 0     | 0          | 0    | 0                  | 0     | 0     |
| 6465          | Signal            | N        | 181.8 | 0          | 0     | 0    | 0     | 0                | 180.5 | 0     | 0          | 0    | 0                  | 1.3   | 0     |
| 6466          | Haugen            | N        | 40.0  | 0          | 0     | 0    | 0     | 0                | 40.0  | 0     | 0          | 0    | 0                  | 0     | 0     |
| 6467          | Hot Iron          | N        | 40.0  | 0          | 0     | 0    | 0     | 0                | 19.0  | 0     | 0          | 0    | 0                  | 21.0  | 0     |
| 6468          | Lobo              | N        | 872.0 | 0          | 0     | 0    | 0     | 0                | 716.0 | 0     | 0          | 0    | 0                  | 156.0 | 0     |
| 6469          | Apple             | N        | 79.7  | 0          | 0     | 0    | 0     | 0                | 70.5  | 0     | 0          | 0    | 0                  | 9.2   | 0     |
| 6473          | Sunburst          | N        | 62.9  | 0          | 0     | 0    | 0     | 0                | 62.9  | 0     | 0          | 0    | 0                  | 0     | 0     |
| 6474          | Good              | N        | 71.0  | 0          | 0     | 0    | 6.0   | 0                | 39.0  | 0     | 0          | 0    | 0                  | 26.0  | 0     |
| 6475          | Vimy Point        | N        | 159.7 | 0          | 0     | 0    | 0     | 0                | 137.0 | 0     | 0          | 0    | 0                  | 22.7  | 0     |
| 6476          | Chauvet           | N        | 119.4 | 0          | 0     | 0    | 54.5  | 0                | 64.9  | 0     | 0          | 0    | 0                  | 0     | 0     |

| SEASON<br>OF USE | CURRENT<br>ADMs | REC. STOCKING<br>RATE/ADMs |       |     | POTEN. FORAGE<br>PRODUCTION |     |       | ALTERNATIVE A<br>ENSL. CONFINED<br>VEG. USES |       |     | ALTERNATIVE B<br>COST. OF<br>PRESENT MGT. |     |    | ALTERNATIVE C<br>ENHANCED<br>LUST. FORAGE |     |     | ALTERNATIVE D<br>ENHANCED<br>WATER & WILDLIFE |    |     | ALTERNATIVE E<br>NO LIVESTOCK<br>GRAZING |    |    | ALTERNATIVE F<br>NO ACTION |     |    |  |
|------------------|-----------------|----------------------------|-------|-----|-----------------------------|-----|-------|--|-------|-----|---|-----|----|---|-----|-----|---|----|-----|--|----|----|----------------------------|-----|----|--|
|                  |                 | BLM                        | OTHER | BLM | OTHER                       | BLM | OTHER | BLM  | OTHER | ST  | LT  | ST  | LT | ST  | LT  | ST  | LT  | ST | LT  | ST                                       | LT | ST | LT                         | ST  | LT |  |
| 03/01/02/28      | 20              | 0                          | 0     | BLM | 9                           | 0   | 0     | 13   | 0     | 8   | 8   | 8   | 8  | 9   | 9   | 8   | 8   | 0  | 0   | 8  | 8  | 0  | 0                          | 8   | 8  |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 03/01/02/28      | 8               | 0                          | 9     | 0   | 0                           | 13  | 0     | 8  | 8     | 8   | 8   | 8   | 8  | 9   | 9   | 8   | 8   | 0  | 0   | 8  | 8  | 0  | 0                          | 8   | 8  |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 03/01/02/28      | 20              | 0                          | 15    | 0   | 0                           | 28  | 0     | 20   | 20    | 20  | 20  | 20  | 20 | 15  | 15  | 20  | 20  | 0  | 0   | 20                                       | 20 | 0  | 0                          | 20  | 20 |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 03/01/02/28      | 54              | 0                          | 49    | 0   | 0                           | 97  | 0     | 54   | 54    | 54  | 54  | 54  | 54 | 49  | 49  | 54  | 54  | 0  | 0   | 54                                       | 54 | 0  | 0                          | 54  | 54 |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 5               |                            |       |     | 5                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 03/01/02/28      | 66              | 0                          | 50    | 0   | 0                           | 101 | 0     | 66   | 66    | 66  | 66  | 66  | 66 | 50  | 50  | 66  | 66  | 0  | 0   | 66                                       | 66 | 0  | 0                          | 66  | 66 |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 12              |                            |       |     | 12                          |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 05/01/08/15      | 58              | 0                          | 50    | 0   | 0                           | 74  | 0     | 58   | 58    | 58  | 58  | 58  | 58 | 50  | 50  | 58  | 58  | 0  | 0   | 58                                       | 58 | 0  | 0                          | 58  | 58 |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 7               |                            |       |     | 7                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 03/01/02/28      | 40              | 0                          | 21    | 0   | 0                           | 40  | 0     | 40   | 40    | 40  | 40  | 40  | 40 | 21  | 21  | 40  | 40  | 0  | 0   | 40                                       | 40 | 0  | 0                          | 40  | 40 |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 5               |                            |       |     | 5                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 03/01/02/28      | 10              | 0                          | 10    | 0   | 0                           | 10  | 0     | 10   | 10    | 10  | 10  | 10  | 10 | 10  | 10  | 10  | 10  | 0  | 0   | 10                                       | 10 | 0  | 0                          | 10  | 10 |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 06/01/10/31      | 34              | 0                          | 34    | 0   | 0                           | 34  | 0     | 34   | 34    | 34  | 34  | 34  | 34 | 34  | 34  | 34  | 34  | 0  | 0   | 34                                       | 34 | 0  | 0                          | 34  | 34 |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 10              |                            |       |     | 10                          |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 06/15/09/15      | 43              | 0                          | 24    | 0   | 0                           | 36  | 0     | 43   | 43    | 43  | 43  | 43  | 43 | 24  | 24  | 43  | 43  | 0  | 0   | 43                                       | 43 | 0  | 0                          | 43  | 43 |  |
| 04/01/03/31      | 3               |                            |       |     | 3                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 06/01/09/30      | 4               | 0                          | 3     | 0   | 0                           | 6   | 0     | 4  | 4     | 4   | 4   | 4   | 4  | 3   | 3   | 4   | 4   | 0  | 0   | 4  | 4  | 0  | 0                          | 4   | 4  |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 03/01/02/28      | 8               | 0                          | 11    | 0   | 0                           | 23  | 0     | 8  | 8     | 8   | 8   | 8   | 8  | 11  | 11  | 8   | 8   | 0  | 0   | 8  | 8  | 0  | 0                          | 8   | 8  |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 03/01/02/28      | 27              | 0                          | 16    | 0   | 0                           | 32  | 0     | 27   | 27    | 27  | 27  | 27  | 27 | 16  | 16  | 27  | 27  | 0  | 0   | 27                                       | 27 | 0  | 0                          | 27  | 27 |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 03/01/02/28      | 16              | 0                          | 19    | 0   | 0                           | 25  | 0     | 16   | 16    | 16  | 16  | 16  | 16 | 19  | 19  | 16  | 16  | 0  | 0   | 16                                       | 16 | 0  | 0                          | 16  | 16 |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 03/01/02/28      | 25              | 0                          | 16    | 0   | 0                           | 32  | 0     | 25   | 25    | 25  | 25  | 25  | 25 | 16  | 16  | 25  | 25  | 0  | 0   | 25                                       | 25 | 0  | 0                          | 25  | 25 |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 03/01/02/28      | 16              | 0                          | 14    | 0   | 0                           | 27  | 0     | 16   | 16    | 16  | 16  | 16  | 16 | 14  | 14  | 16  | 16  | 0  | 0   | 16                                       | 16 | 0  | 0                          | 16  | 16 |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 03/01/02/28      | 35              | 0                          | 30    | 0   | 0                           | 60  | 0     | 35   | 35    | 35  | 35  | 35  | 35 | 30  | 30  | 35  | 35  | 0  | 0   | 35                                       | 35 | 0  | 0                          | 35  | 35 |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 07/31/02/28      | 12              | 0                          | 8     | 0   | 0                           | 16  | 0     | 12   | 12    | 12  | 12  | 12  | 12 | 8   | 8   | 12  | 12  | 0  | 0   | 12                                       | 12 | 0  | 0                          | 12  | 12 |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 03/01/02/28      | 7               | 0                          | 4     | 0   | 0                           | 8   | 0     | 7  | 7     | 7   | 7   | 7   | 7  | 4   | 4   | 7   | 7   | 0  | 0   | 7  | 7  | 0  | 0                          | 7   | 7  |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 03/01/02/28      | 180             | 0                          | 61    | 23  | 121                         | 46  | 180   | 180  | 180   | 180 | 180                                       | 180 | 61 | 61  | 180 | 180 | 0   | 0  | 180 | 180                                      | 0  | 0  | 180                        | 180 |    |  |
| 04/01/03/31      | 5               |                            |       |     | 5                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 12              |                            |       |     | 12                          |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 03/01/02/28      | 27              | 0                          | 13    | 0   | 0                           | 26  | 0     | 27   | 27    | 27  | 27  | 27  | 27 | 13  | 13  | 27  | 27  | 0  | 0   | 27                                       | 27 | 0  | 0                          | 27  | 27 |  |
| 04/01/03/30      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 05/01/08/31      | 37              | 0                          | 10    | 0   | 0                           | 20  | 0     | 37   | 37    | 37  | 37  | 37  | 37 | 10  | 10  | 37  | 37  | 0  | 0   | 37                                       | 37 | 0  | 0                          | 37  | 37 |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 03/01/02/28      | 27              | 0                          | 10    | 0   | 0                           | 19  | 0     | 27   | 27    | 27  | 27  | 27  | 27 | 19  | 19  | 22  | 22  | 0  | 0   | 22                                       | 22 | 0  | 0                          | 22  | 22 |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 03/01/02/28      | 22              | 0                          | 19    | 0   | 0                           | 38  | 0     | 22   | 22    | 22  | 22  | 22  | 22 | 19  | 19  | 22  | 22  | 0  | 0   | 22                                       | 22 | 0  | 0                          | 22  | 22 |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 03/01/02/28      | 22              | 0                          | 26    | 0   | 0                           | 41  | 0     | 22   | 22    | 22  | 22  | 22  | 22 | 24  | 24  | 22  | 22  | 0  | 0   | 22                                       | 22 | 0  | 0                          | 22  | 22 |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |
| 04/01/03/31      | 2               |                            |       |     | 2                           |     |       |  |       |     |   |     |    |   |     |     |   |    |     |  |    |    |                            |     |    |  |

## HARVE NON-AMPS CONTINUED

| ALLOT.<br>NO.      | ALLOTMENT<br>NAME  | NET<br>STS | ACRES | RANGE CONDITION |      | BLM<br>NO. | CRAZING<br>ANIMALS |       |       |     |   |      |      |       |    |    |    |
|--------------------|--------------------|------------|-------|-----------------|------|------------|--------------------|-------|-------|-----|---|------|------|-------|----|----|----|
|                    |                    |            |       | EXCELLENT       | GOOD |            |                    |       |       |     |   |      |      |       |    |    |    |
| 6477               | Blitz              | N          | 277.7 | 0               | 0    | 0          | 83.2               | 0     | 161.2 | 0   | 0 | 0    | 0    | 3     | CA |    |    |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | AN |    |    |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 5     | DM |    |    |
| 6478               | Teton              | N          | 517.1 | 0               | 0    | 0          | 26.6               | 0     | 432.9 | 0   | 0 | 0    | 0    | 57.6  | 0  | 15 | CA |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | AN |    |    |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 8     | DM |    |    |
| 6479               | Shawrock           | N          | 39.8  | 0               | 0    | 0          | 0                  | 0     | 38.8  | 0   | 0 | 0    | 0    | 1.0   | 0  | 1  | CA |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | AN |    |    |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | DM |    |    |
| 6480               | Jacobsen           | N          | 40.0  | 0               | 0    | 0          | 38.0               | 0     | 0     | 0   | 0 | 0    | 0    | 2.0   | 0  | 1  | CA |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | AN |    |    |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | DM |    |    |
| 6481               | Jurenka            | N          | 125.8 | 0               | 0    | 0          | 70.2               | 0     | 17.8  | 0   | 0 | 0    | 0    | 37.8  | 0  | 1  | CA |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | AN |    |    |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | DM |    |    |
| 6482               | Badger             | N          | 472.8 | 0               | 0    | 0          | 408.2              | 0     | 0     | 0   | 0 | 0    | 0    | 64.6  | 0  | 11 | CA |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 3     | AN |    |    |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 7     | DM |    |    |
| 6484               | Sunset             | N          | 564.3 | 0               | 0    | 0          | 0                  | 0     | 544.7 | 0   | 0 | 0    | 0    | 19.6  | 0  | 13 | CA |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | AN |    |    |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 5     | DM |    |    |
| 6485               | Marliss River Two  | N          | 278.3 | 0               | 0    | 0          | 165.5              | 0     | 56.9  | 0   | 0 | 0    | 0    | 55.9  | 0  | 6  | CA |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | AN |    |    |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | DM |    |    |
| 6487               | Melby              | N          | 120.0 | 0               | 0    | 0          | 0                  | 0     | 0     | 0   | 0 | 0    | 0    | 120.0 | 0  | 3  | CA |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | AN |    |    |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | DM |    |    |
| 6488               | West Lonesome Lake | N          | 119.8 | 0               | 0    | 0          | 0                  | 0     | 119.8 | 0   | 0 | 0    | 0    | 0     | 0  | 4  | CA |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | AN |    |    |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | DM |    |    |
| 6489               | Gold Eagle         | N          | 239.6 | 0               | 0    | 0          | 0                  | 0     | 239.6 | 0   | 0 | 0    | 0    | 0     | 0  | 5  | CA |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | AN |    |    |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 2     | DM |    |    |
| 6491               | Pine Tree          | N          | 79.8  | 0               | 0    | 0          | 73.8               | 0     | 0     | 0   | 0 | 0    | 0    | 6.0   | 0  | 2  | CA |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | AN |    |    |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | DM |    |    |
| 6492               | Parsell            | N          | 80.0  | 0               | 0    | 0          | 36.0               | 0     | 40.0  | 0   | 0 | 0    | 0    | 4.0   | 0  | 3  | CA |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | AN |    |    |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | DM |    |    |
| 6494               | Redwing            | N          | 18.0  | 0               | 0    | 0          | 18.0               | 0     | 0     | 0   | 0 | 0    | 0    | 0     | 0  | 1  | CA |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | AN |    |    |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | DM |    |    |
| 6583               | Tunis              | N          | 39.7  | 0               | 0    | 0          | 29.3               | 0     | 8.9   | 0   | 0 | 0    | 0    | 1.5   | 0  | 1  | CA |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | AN |    |    |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 1     | DM |    |    |
|                    |                    |            |       |                 |      |            |                    |       |       |     |   |      |      | 10    | SH |    |    |
| Sub Total Non-AMPS |                    | 59364      | 37999 | 771             | 90   | 29391      | 25899              | 22930 | 9294  | 384 | 0 | 5888 | 2716 |       |    |    |    |

## \*HARVE RESOURCE AREA NON-AMPS CONTINUED

| ALLO.<br>NO. | ALLOTMENT<br>NAME | NET<br>STS | ACRES  | RANGE CONDITION |      | BLM<br>NO. | CRAZING<br>ANIMALS |       |       |       |   |     |      |      |    |    |    |
|--------------|-------------------|------------|--------|-----------------|------|------------|--------------------|-------|-------|-------|---|-----|------|------|----|----|----|
|              |                   |            |        | EXCELLENT       | GOOD |            |                    |       |       |       |   |     |      |      |    |    |    |
| 6153         | Maggie Creek      | N          | 1255.1 | 0               | 0    | 840.6      | 0                  | 109.5 | 0     | 305.6 | 0 | 105 | CA   |      |    |    |    |
|              |                   |            |        |                 |      |            |                    |       |       |       |   | 6   | AN   |      |    |    |    |
|              |                   |            |        |                 |      |            |                    |       |       |       |   | 8   | DM   |      |    |    |    |
| 6154         | Starrett Butte    | N          | 578.0  | 0               | 0    | 0          | 152.8              | 0     | 372.0 | 0     | 0 | 0   | 53.2 | 0    | 11 | CA |    |
|              |                   |            |        |                 |      |            |                    |       |       |       |   | 3   | AN   |      |    |    |    |
|              |                   |            |        |                 |      |            |                    |       |       |       |   | 3   | DM   |      |    |    |    |
| 6155         | McCann Butte      | N          | 40.0   | 0               | 0    | 0          | 32.0               | 0     | 0     | 0     | 0 | 0   | 8.0  | 0    | 2  | CA |    |
|              |                   |            |        |                 |      |            |                    |       |       |       |   | 1   | AN   |      |    |    |    |
|              |                   |            |        |                 |      |            |                    |       |       |       |   | 1   | DM   |      |    |    |    |
| 6161         | Sixteenth         | N          | 79.8   | 898.4           | 0    | 0          | 0                  | 237.0 | 79.8  | 602.4 | 0 | 0   | 0    | 0    | 1  | CA |    |
|              |                   |            |        |                 |      |            |                    |       |       |       |   | 1   | AN   |      |    |    |    |
|              |                   |            |        |                 |      |            |                    |       |       |       |   | 1   | DM   |      |    |    |    |
| 6162         | Rocky Creek       | N          | 157.0  | 0               | 0    | 0          | 0                  | 0     | 144.3 | 0     | 0 | 0   | 0    | 12.7 | 0  | 1  | CA |
|              |                   |            |        |                 |      |            |                    |       |       |       |   | 1   | AN   |      |    |    |    |
|              |                   |            |        |                 |      |            |                    |       |       |       |   | 1   | DM   |      |    |    |    |
| 6163         | Sawtooth Mtn.     | N          | 239.8  | 0               | 0    | 0          | 76.8               | 0     | 139.7 | 0     | 0 | 0   | 0    | 23.3 | 0  | 4  | CA |
|              |                   |            |        |                 |      |            |                    |       |       |       |   | 2   | AN   |      |    |    |    |
|              |                   |            |        |                 |      |            |                    |       |       |       |   | 2   | DM   |      |    |    |    |
| 6166         | Pioneer           | N          | 639.9  | 0               | 0    | 0          | 557.9              | 0     | 38.0  | 0     | 0 | 0   | 0    | 44.0 | 0  | 60 | CA |
|              |                   |            |        |                 |      |            |                    |       |       |       |   | 3   | AN   |      |    |    |    |
|              |                   |            |        |                 |      |            |                    |       |       |       |   | 3   | DM   |      |    |    |    |

| SEASON<br>OF USE | CURRENT<br>ADM <sup>a</sup><br>BLM<br>OTHER | REG-STOCKING<br>RATE/ADM <sup>a</sup><br>BLM<br>OTHER | POTEN. FORAGE<br>PRODUCTION<br>BLM<br>OTHER | ALTERNATIVE A                |                                    | ALTERNATIVE B             |                                    | ALTERNATIVE C             |                                    | ALTERNATIVE D              |                                    | ALTERNATIVE E           |                                    | ALTERNATIVE F |     |
|------------------|---|---|---|------------------------------|------------------------------------|---------------------------|------------------------------------|---------------------------|------------------------------------|----------------------------|------------------------------------|-------------------------|------------------------------------|---------------|-----|
|                  |   |   |   | ENHAN. COMBINED<br>WEG. USES | ST <sup>b</sup><br>LT <sup>b</sup> | CONT. OF<br>PRESENT Mgmt. | ST <sup>b</sup><br>LT <sup>b</sup> | ENHANCED<br>LIVST. FORAGE | ST <sup>b</sup><br>LT <sup>b</sup> | ENHANCED<br>WATER/WILDLIFE | ST <sup>b</sup><br>LT <sup>b</sup> | NO LIVESTOCK<br>GRAZING | ST <sup>b</sup><br>LT <sup>b</sup> | NO ACTION     |     |
| 03/01-02/28      | 35  | 0   | 45  | 0                            | 69                                 | 0                         | 37                                 | 30                        | 57                                 | 30                         | 40                                 | 40                      | 57                                 | 30            |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 12  |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 06/01-1/1/01     | 77  | 0   | 65  | 0                            | 127                                | 0                         | 77                                 | 77                        | 77                                 | 77                         | 65                                 | 65                      | 77                                 | 77            |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 19  |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 03/01-02/28      | 14  | 0   | 8   | 0                            | 15                                 | 0                         | 14                                 | 14                        | 14                                 | 14                         | 8                                  | 8                       | 14                                 | 14            |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 03/01-02/28      | 14  | 0   | 9   | 0                            | 12                                 | 0                         | 14                                 | 14                        | 14                                 | 14                         | 9                                  | 9                       | 14                                 | 14            |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 03/01-02/28      | 7   | 0   | 15  | 0                            | 22                                 | 0                         | 7                                  | 7                         | 7                                  | 7                          | 15                                 | 15                      | 7                                  | 7             |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 03/01-02/28      | 134   | 0   | 84  | 0                            | 114                                | 0                         | 134                                | 134                       | 134                                | 134                        | 84                                 | 84                      | 134                                | 134           |     |
| 04/01-03/31      | 5   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 17  |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 03/01-02/28      | 160   | 0   | 82  | 0                            | 165                                | 0                         | 160                                | 160                       | 160                                | 160                        | 82                                 | 82                      | 160                                | 160           |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 12  |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 05/01-1/1/15     | 38  | 0   | 41  | 0                            | 60                                 | 0                         | 38                                 | 38                        | 38                                 | 38                         | 41                                 | 41                      | 38                                 | 38            |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 03/01-02/28      | 31  | 0   | 31  | 0                            | 31                                 | 0                         | 31                                 | 31                        | 31                                 | 31                         | 31                                 | 31                      | 31                                 | 31            |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 03/01-02/28      | 48  | 0   | 22  | 0                            | 0                                  | 44                        | 48                                 | 48                        | 48                                 | 48                         | 22                                 | 22                      | 48                                 | 48            |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 03/01-02/28      | 70  | 0   | 36  | 0                            | 0                                  | 73                        | 70                                 | 70                        | 70                                 | 70                         | 36                                 | 36                      | 70                                 | 70            |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 5   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 03/01-02/28      | 18  | 0   | 22  | 0                            | 31                                 | 0                         | 18                                 | 18                        | 18                                 | 18                         | 22                                 | 22                      | 18                                 | 18            |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 05/01-1/1/21     | 18  | 0   | 27  | 0                            | 44                                 | 0                         | 18                                 | 18                        | 18                                 | 18                         | 27                                 | 27                      | 18                                 | 18            |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 06/01-08/31      | 3   | 0   | 8   | 0                            | 10                                 | 0                         | 3                                  | 3                         | 3                                  | 3                          | 8                                  | 8                       | 3                                  | 3             |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 03/01-03/28      | 12  | 0   | 8   | 0                            | 13                                 | 0                         | 12                                 | 12                        | 12                                 | 12                         | 8                                  | 8                       | 12                                 | 12            |     |
| 04/01-03/31      | 1   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 09/16-11/30      | 5   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| Sub Total        | 12519                                       | 5021  | 12241                                       | 8438                         | 18471                              | 12612                     | 12519                              | 12519                     | 12519                              | 12519                      | 12241                              | 12241                   | 12411                              | 12411         |     |
| SEASON<br>OF USE | CURRENT<br>ADM <sup>a</sup><br>BLM<br>OTHER | REG-STOCKING<br>RATE/ADM <sup>a</sup><br>BLM<br>OTHER | POTEN. FORAGE<br>PRODUCTION<br>BLM<br>OTHER | ALTERNATIVE A                |                                    | ALTERNATIVE B             |                                    | ALTERNATIVE C             |                                    | ALTERNATIVE D              |                                    | ALTERNATIVE E           |                                    | ALTERNATIVE F |     |
|                  |   |   |   | ENHAN. COMBINED<br>WEG. USES | ST <sup>b</sup><br>LT <sup>b</sup> | CONT. OF<br>PRESENT Mgmt. | ST <sup>b</sup><br>LT <sup>b</sup> | ENHANCED<br>LIVST. FORAGE | ST <sup>b</sup><br>LT <sup>b</sup> | ENHANCED<br>WATER/WILDLIFE | ST <sup>b</sup><br>LT <sup>b</sup> | NO LIVESTOCK<br>GRAZING | ST <sup>b</sup><br>LT <sup>b</sup> | NO ACTION     |     |
| 03/01-02/28      | 242   | 505   | 287   | 0                            | 405                                | 0                         | 242                                | 242                       | 242                                | 242                        | 287                                | 287                     | 342                                | 242           | 242 |
| 04/01-03/31      | 9   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 19  |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 03/01-02/28      | 134   | 0   | 132   | 0                            | 224                                | 0                         | 134                                | 134                       | 134                                | 134                        | 132                                | 132                     | 134                                | 134           | 0   |
| 04/01-03/31      | 5   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 7   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 03/01-02/28      | 29  | 0   | 13  | 0                            | 17                                 | 0                         | 29                                 | 29                        | 29                                 | 29                         | 13                                 | 13                      | 29                                 | 29            | 0   |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 03/01-02/28      | 8   | 0   | 14  | 187                          | 27                                 | 313                       | 8                                  | 8                         | 8                                  | 8                          | 14                                 | 14                      | 8                                  | 8             | 0   |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 05/01-02/28      | 13  | 0   | 22  | 0                            | 45                                 | 0                         | 13                                 | 13                        | 13                                 | 13                         | 22                                 | 22                      | 13                                 | 13            | 0   |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 2   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 03/01-02/28      | 52  | 0   | 79  | 0                            | 136                                | 0                         | 52                                 | 52                        | 52                                 | 52                         | 79                                 | 79                      | 52                                 | 52            | 0   |
| 04/01-03/31      | 3   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 5   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 03/01-06/19      | 60  | 0   | 115   | 0                            | 157                                | 0                         | 60                                 | 60                        | 60                                 | 60                         | 115                                | 115                     | 60                                 | 60            | 0   |
| 04/01-03/31      | 5   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |
| 04/01-03/31      | 7   |   |   |                              |                                    |                           |                                    |                           |                                    |                            |                                    |                         |                                    |               |     |

## HARVE RESOURCE AREA UNALLOCATED TRACTS

| ALLOT.<br>NO. | ALLOTMENT<br>NAME | MGT<br>NO. | BLM<br>BLM | ACRES<br>40.0 | EXCELLENT |       | GOOD  |       | RANGE CONDITION |       | POOR |       | UNSTABLE |       | NO.<br>BLM | CL<br>AN<br>DM |
|---------------|-------------------|------------|------------|---------------|-----------|-------|-------|-------|-----------------|-------|------|-------|----------|-------|------------|----------------|
|               |                   |            |            |               | BLM       | OTHER | BLM   | OTHER | BLM             | OTHER | BLM  | OTHER | BLM      | OTHER |            |                |
| 6582          | Unallocated       |            |            |               |           |       |       |       | 35.2            |       |      |       | 4.8      |       | 1          | AN<br>DM       |
| 6400          | "                 |            |            | 80.0          |           |       |       |       | 80.0            |       |      |       |          |       | 1          | AN<br>DM       |
| 6501          | "                 |            |            | 80.0          | 234.0     |       | 78.9  | 233.5 |                 |       |      |       | 1.1      | 0.5   | 1          | AN<br>DM       |
| 6502          | "                 |            |            | 26.8          |           |       | 26.8  |       |                 |       |      |       | 0.2      |       | 1          | AN<br>DM       |
| 6503          | "                 |            |            | 39.7          |           |       | 39.7  |       |                 |       |      |       |          |       | 1          | AN<br>DM       |
| 6505          |                   |            |            | 32.7          |           |       | 32.7  |       |                 |       |      |       |          |       | 1          | AN<br>DM       |
| 6507          | "                 |            |            | 40.0          |           |       | 19.0  |       |                 |       |      |       | 21.0     |       | 1          | AN<br>DM       |
| 6508          | "                 |            |            | 26.0          |           |       |       |       | 26.0            |       |      |       |          |       | 1          | AN<br>DM       |
| 6509          | "                 |            |            | 79.7          |           |       |       |       | 76.3            |       |      |       | 3.4      |       | 1          | AN<br>DM       |
| 6511          | "                 |            |            | 168.8         | 38.9      |       | 144.4 | 22.8  | 6.9             | 14.9  |      |       | 17.5     | 1.2   | 1          | AN<br>DM       |
| 6512          | "                 |            |            | 40.0          |           |       |       |       | 38.5            |       |      |       | 1.5      |       | 1          | AN<br>DM       |
| 6513          | "                 |            |            | 39.7          |           |       | 18.9  |       | 20.8            |       |      |       |          |       | 1          | AN<br>DM       |
| 6514          | "                 |            |            | 39.8          |           |       |       |       | 39.8            |       |      |       |          |       | 1          | AN<br>DM       |
| 6515          | "                 |            |            | 28.9          |           |       |       |       | 6.9             |       |      |       | 22.0     |       | 1          | AN<br>DM       |
| 6516          | "                 |            |            | 39.8          |           |       | 20.4  |       | 18.9            |       |      |       | 0.5      |       | 1          | AN<br>DM       |
| 6517          | "                 |            |            | 86.6          |           |       | 57.7  |       | 28.9            |       |      |       |          |       | 1          | AN<br>DM       |
| 6518          | "                 |            |            | 40.0          |           |       | 39.3  |       |                 |       |      |       | 0.7      |       | 1          | AN<br>DM       |
| 6519          | "                 |            |            | 28.9          |           |       | 28.9  |       |                 |       |      |       |          |       | 1          | AN<br>DM       |
| 6520          | "                 |            |            | 79.7          |           |       |       |       | 57.0            |       |      |       | 22.7     |       | 1          | AN<br>DM       |
| 6521          | "                 |            |            | 39.7          |           |       | 8.9   |       | 30.8            |       |      |       |          |       | 1          | AN<br>DM       |
| 6522          | "                 |            |            | 63.8          |           |       | 63.8  |       |                 |       |      |       |          |       | 1          | AN<br>DM       |
| 6524          | "                 |            |            | 40.0          |           |       | 13.6  |       | 25.9            |       |      |       | 0.5      |       | 1          | AN<br>DM       |
| 6525          | "                 |            |            | 40.0          |           |       |       |       | 40.0            |       |      |       |          |       | 1          | AN<br>DM       |
| 6526          | "                 |            |            | 139.8         |           |       |       |       | 68.8            |       |      |       | 71.0     |       | 1          | AN<br>DM       |
| 6527          | "                 |            |            | 79.7          |           |       | 78.8  |       | .9              |       |      |       |          |       | 1          | AN<br>DM       |
| 6528          | "                 |            |            | 40.0          |           |       |       |       | 40.0            |       |      |       |          |       | 1          | AN<br>DM       |
| 6529          | "                 |            |            | 40.0          |           |       |       |       | 40.0            |       |      |       |          |       | 1          | AN<br>DM       |
| 6530          | "                 |            |            | 40.0          |           |       | 33.6  |       |                 |       |      |       | 6.4      |       | 1          | AN<br>DM       |
| 6531          | "                 |            |            | 40.0          |           |       |       |       | 40.0            |       |      |       |          |       | 1          | AN<br>DM       |
| 6532          | "                 |            |            | 41.9          |           |       | 29.4  |       | 11.0            |       |      |       | 1.5      |       | 1          | AN<br>DM       |
| 6533          | "                 |            |            | 40.0          |           |       |       |       | 38.0            |       |      |       | 2.0      |       | 1          | AN<br>DM       |
| 6534          | "                 |            |            | 39.8          |           |       |       |       | 38.3            |       |      |       | 1.5      |       | 1          | AN<br>DM       |
| 6535          | "                 |            |            | 39.6          |           |       | 8.0   |       | 30.0            |       |      |       | 1.6      |       | 1          | AN<br>DM       |
| 6536          | "                 |            |            | 44.9          |           |       | 37.2  |       |                 |       |      |       | 7.7      |       | 1          | AN<br>DM       |

| SEASON<br>OF USE | CURRENT<br>AUMs | REC. STOCKING<br>BLM | POTEN. FORAGE<br>BLM | PRODUCTION<br>OTHER | ALTERNATIVE A |       |     | ALTERNATIVE B |     |       | ALTERNATIVE C |       |     | ALTERNATIVE D |    |    | ALTERNATIVE E |    |    | ALTERNATIVE F |    |    |
|------------------|-----------------|----------------------|----------------------|---------------------|---------------|-------|-----|---------------|-----|-------|---------------|-------|-----|---------------|----|----|---------------|----|----|---------------|----|----|
|                  |                 |                      |                      |                     | BLM           | OTHER | BLM | OTHER         | BLM | OTHER | BLM           | OTHER | BLM | OTHER         | ST | LT | ST            | LT | ST | LT            | ST | LT |
| 04/01-03/31      | 2               | 2                    | 11                   | 0                   | 22            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 22                   | 0                   | 29            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 11                   | 0                   | 14            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 12                   | 0                   | 16            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 10                   | 0                   | 13            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 4                    | 0                   | 6             | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 4                    | 0                   | 4             | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 12                   | 0                   | 24            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 31                   | 0                   | 43            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 5                    | 0                   | 10            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 9                    | 0                   | 14            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 6                    | 0                   | 12            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 1                    | 0                   | 2             | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 7                    | 0                   | 11            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/30      | 2               | 2                    | 21                   | 0                   | 31            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 12                   | 0                   | 16            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 9                    | 0                   | 12            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 7                    | 0                   | 15            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 7                    | 0                   | 13            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 19                   | 0                   | 26            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 9                    | 0                   | 15            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 6                    | 0                   | 13            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 12                   | 0                   | 24            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 18                   | 0                   | 24            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 6                    | 0                   | 12            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 8                    | 0                   | 15            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/30      | 2               | 2                    | 7                    | 0                   | 9             | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 8                    | 0                   | 16            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 11                   | 0                   | 16            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 5                    | 0                   | 12            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 6                    | 0                   | 12            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 7                    | 0                   | 12            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |
| 04/01-03/31      | 2               | 2                    | 10                   | 0                   | 13            | 0     |     |               |     |       |               |       |     |               |    |    |               |    |    |               |    |    |

## HAVRE RESOURCE AREA UNALLOCATED TRACTS CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME | MOT<br>STS | ACRES | EXCELLENT |       | GOOD |       | RANGE CONDITION |       | POOR  |       | UNUSABLES |       | GRAZING<br>ANIMALS<br>NO. | CL<br>AN   |                 |
|---------------|-------------------|------------|-------|-----------|-------|------|-------|-----------------|-------|-------|-------|-----------|-------|---------------------------|------------|-----------------|
|               |                   |            |       | BLK       | OTHER | BLM  | OTHER | BLK             | OTHER | BLM   | OTHER | BLM       | OTHER |                           |            |                 |
| 6538          | Unallocated       |            | 39.9  | 0         | 0     | 0    | 0     | 35.1            | 0     | 0     | 0     | 0         | 0     | 1                         | DM         |                 |
| 6540          | "                 |            | 58.8  | 0         | 0     | 0    | 0     | 57.6            | 0     | 0     | 0     | 0         | 0     | 1                         | AN<br>1 DM |                 |
| 6541          | "                 |            | 34.9  | 0         | 0     | 0    | 0     | 18.0            | 0     | 10.4  | 0     | 3.8       | 0     | 2.7                       | 0          | 1<br>AN<br>1 DM |
| 6542          | "                 |            | 39.9  | 0         | 0     | 0    | 0     | 0               | 0     | 39.9  | 0     | 0         | 0     | 0                         | 0          | 1<br>AN<br>1 DM |
| 6544          | "                 |            | 70.0  | 0         | 0     | 0    | 0     | 0               | 70.0  | 0     | 0     | 0         | 0     | 0                         | 0          | 1<br>AN<br>1 DM |
| 6545          | "                 |            | 40.0  | 0         | 0     | 0    | 0     | 0               | 0     | 40.0  | 0     | 0         | 0     | 0                         | 0          | 1<br>AN<br>1 DM |
| 6548          | "                 |            | 39.6  | 0         | 0     | 0    | 0     | 0               | 0     | 39.6  | 0     | 0         | 0     | 0                         | 0          | 1<br>AN<br>1 DM |
| 6549          | "                 |            | 39.8  | 0         | 0     | 0    | 0     | 0               | 0     | 27.6  | 0     | 0         | 0     | 12.2                      | 0          | 1<br>AN<br>1 DM |
| 6551          | "                 |            | 10.9  | 0         | 0     | 0    | 0     | 0               | 0     | 7.6   | 0     | 0         | 0     | 3.3                       | 0          | 1<br>AN<br>1 DM |
| 6554          | "                 |            | 79.8  | 0         | 0     | 0    | 0     | 74.5            | 0     | 0     | 0     | 0         | 0     | 5.3                       | 0          | 1<br>AN<br>1 DM |
| 6555          | "                 |            | 40.0  | 0         | 0     | 0    | 0     | 0               | 0     | 32.0  | 0     | 0         | 0     | 8.0                       | 0          | 1<br>AN<br>1 DM |
| 6556          | "                 |            | 63.0  | 0         | 0     | 0    | 0     | 63.0            | 0     | 0     | 0     | 0         | 0     | 0                         | 0          | 1<br>AN<br>1 DM |
| 6557          | "                 |            | 57.9  | 0         | 0     | 0    | 0     | 0               | 0     | 45.1  | 0     | 0         | 0     | 12.8                      | 0          | 1<br>AN<br>1 DM |
| 6558          | "                 |            | 40.0  | 0         | 0     | 0    | 0     | 0               | 0     | 36.0  | 0     | 0         | 0     | 4.0                       | 0          | 1<br>AN<br>1 DM |
| 6559          | "                 |            | 39.8  | 0         | 0     | 0    | 0     | 0               | 0     | 39.8  | 0     | 0         | 0     | 0                         | 0          | 1<br>AN<br>1 DM |
| 6560          | "                 |            | 40.0  | 0         | 0     | 0    | 0     | 0               | 0     | 40.0  | 0     | 0         | 0     | 0                         | 0          | 1<br>AN<br>1 DM |
| 6561          | "                 |            | 72.0  | 0         | 0     | 0    | 0     | 54.9            | 0     | 0     | 0     | 0         | 0     | 17.1                      | 0          | 1<br>AN<br>1 DM |
| 6562          | "                 |            | 131.4 | 0         | 0     | 0    | 0     | 17.8            | 0     | 109.4 | 0     | 0         | 0     | 4.2                       | 0          | 1<br>AN<br>1 DM |
| 6563          | "                 |            | 39.7  | 0         | 0     | 0    | 0     | 39.7            | 0     | 0     | 0     | 0         | 0     | 0                         | 0          | 1<br>AN<br>1 DM |
| 6564          | "                 |            | 39.9  | 0         | 0     | 0    | 0     | 0               | 0     | 39.9  | 0     | 0         | 0     | 0                         | 0          | 1<br>AN<br>1 DM |
| 6565          | "                 |            | 828.9 | 0         | 0     | 0    | 0     | 0               | 0     | 828.9 | 0     | 0         | 0     | 0                         | 0          | 2<br>AN<br>4 DM |
| 6567          | "                 |            | 20.9  | 0         | 0     | 0    | 0     | 20.5            | 0     | 0     | 0     | 0         | 0     | 0.4                       | 0          | 1<br>AN<br>1 DM |
| 6568          | "                 |            | 41.0  | 0         | 0     | 0    | 0     | 32.8            | 0     | 0     | 0     | 0         | 0     | 8.2                       | 0          | 1<br>AN<br>1 DM |

| SEASON<br>OF USE | REG. STOCKING<br>RATE/AUMs |       |     | POTEN. FORAGE<br>PRODUCTION |     |       | ALTERNATIVE A<br>ENHANCED<br>VEG. USES |    | ALTERNATIVE B<br>CANT. OF<br>PRESENT MGMT. |    | ALTERNATIVE C<br>ENHANCED<br>LVST. FORAGE |    | ALTERNATIVE D<br>ENHANCED<br>WATER&WILDLIFE |    | ALTERNATIVE E<br>NO LANDSTOCK<br>GRAZING |    | ALTERNATIVE F<br>NO ACTION |    |
|------------------|----------------------------|-------|-----|-----------------------------|-----|-------|--|----|--|----|---|----|---|----|--|----|----------------------------|----|
|                  | SLM                        | OTHER | SLM | OTHER                       | SLM | OTHER | SLM                                    | LT | ST   | LT | ST  | LT | ST  | LT | ST                                       | LT | ST                         | LT |
| 04/01-03/31      | 2                          | 0     | 10  | 0                           | 21  | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |
| 04/01-03/31      | 2                          | 0     | 15  | 0                           | 20  | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |
| 04/01-03/31      | 2                          | 0     | 8   | 0                           | 15  | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |
| 04/01-03/31      | 2                          | 0     | 11  | 0                           | 22  | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |
| 04/01-03/31      | 2                          | 0     | 14  | 0                           | 28  | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |
| 04/01-03/31      | 2                          | 0     | 8   | 0                           | 16  | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |
| 04/01-03/31      | 2                          | 0     | 6   | 0                           | 13  | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |
| 04/01-03/31      | 2                          | 0     | 4   | 0                           | 7   | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |
| 04/01-03/31      | 2                          | 0     | 1   | 0                           | 3   | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |
| 04/01-03/31      | 2                          | 0     | 19  | 0                           | 26  | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |
| 04/01-03/31      | 2                          | 0     | 12  | 0                           | 23  | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |
| 04/01-03/31      | 2                          | 0     | 23  | 0                           | 30  | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |
| 04/01-03/31      | 2                          | 0     | 9   | 0                           | 18  | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |
| 04/01-03/31      | 2                          | 0     | 10  | 0                           | 21  | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |
| 04/01-03/30      | 2                          | 0     | 10  | 0                           | 20  | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |
| 04/01-03/31      | 2                          | 0     | 11  | 0                           | 23  | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |
| 04/01-03/31      | 2                          | 0     | 13  | 0                           | 17  | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |
| 04/01-03/31      | 2                          | 0     | 22  | 0                           | 41  | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |
| 04/01-03/31      | 2                          | 0     | 11  | 0                           | 15  | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |
| 04/01-03/31      | 2                          | 0     | 7   | 0                           | 14  | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |
| 04/01-03/31      | 2                          | 0     | 97  | 0                           | 193 | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |
| 04/01-03/31      | 2                          | 0     | 4   | 0                           | 6   | 0     |  |    |  |    |   |    |   |    |  |    |                            |    |

## HARVE RESOURCE AREA UNALLOCATED TRACTS CONTINUO

| ALLOT.<br>NO.            | ALLOTMENT<br>NAME | MOT<br>STS | ACRES  | EXCELLENT |       | GOOD   |        | RANGE CONDITION |       | POOR |       | DESTITUTE |       | GRAZING<br>ANIMALS<br>NO. | CL.<br>1<br>3<br>AN<br>DM |
|--------------------------|-------------------|------------|--------|-----------|-------|--------|--------|-----------------|-------|------|-------|-----------|-------|---------------------------|---------------------------|
|                          |                   |            |        | BLK       | OTHER | BLK    | OTHER  | BLK             | OTHER | BLK  | OTHER | BLK       | OTHER |                           |                           |
| 6571                     | "                 |            | 39.7   | 0         | 0     | 0      | 0      | 39.7            | 0     | 0    | 0     | 0         | 0     | 1                         | AN<br>1<br>DM             |
| 6572                     | "                 |            | 39.8   | 0         | 7.9   | 0      | 0      | 0               | 0     | 0    | 0     | 0         | 31.9  | 0                         | 1<br>AN<br>3<br>DM        |
| 6574                     | "                 |            | 79.8   | 0         | 37.5  | 0      | 0      | 0               | 0     | 0    | 0     | 0         | 42.3  | 0                         | 1<br>AN<br>3<br>DM        |
| 6575                     | "                 |            | 40.0   | 0         | 8.2   | 0      | 0      | 0               | 0     | 0    | 0     | 0         | 31.8  | 0                         | 1<br>AN<br>3<br>DM        |
| 6576                     |                   |            | 153.4  | 0         | 18.0  | 0      | 102.0  | 0               | 0     | 0    | 0     | 0         | 33.4  | 0                         | 1<br>AN<br>9<br>DM        |
| 6577                     | "                 |            | 10.0   | 0         | 0     | 0      | 0      | 10.0            | 0     | 0    | 0     | 0         | 0     | 0                         | 1<br>AN<br>1<br>DM        |
| 6578                     | "                 |            | 16.0   | 0         | 0     | 0      | 16.0   | 0               | 0     | 0    | 0     | 0         | 0     | 0                         | 1<br>AN<br>1<br>DM        |
| 6579                     | "                 |            | 68.0   | 0         | 0     | 0      | 68.0   | 0               | 0     | 0    | 0     | 0         | 0     | 0                         | 1<br>AN<br>1<br>DM        |
| 6580                     | *                 |            | 32.9   | 0         | 0     | 0      | 9.1    | 0               | 18.9  | 0    | 0     | 0         | 4.9   | 0                         | 1<br>AN<br>1<br>DM        |
| 6581                     | "                 |            | 35.9   | 0         | 0     | 0      | 0      | 0               | 17.9  | 0    | 0     | 0         | 18.0  | 0                         | 1<br>AN<br>1<br>DM        |
| 6586                     | "                 |            | 39.7   | 0         | 0     | 0      | 0      | 39.7            | 0     | 0    | 0     | 0         | 0     | 0                         | 1<br>AN<br>1<br>DM        |
| Sub Total<br>Unallocated |                   | 4471       | 273    | 72        | 0     | 1353   | 256    | 2582            | 15    | 4    | 0     | 460       | 2     |                           |                           |
| Total Harve RA           |                   | 344410     | 311701 | 5219      | 1069  | 201685 | 235809 | 120022          | 61046 | 1552 | 715   | 15932     | 13062 |                           |                           |

| SEASON<br>OF USE | CURRENT<br>AUMs<br>KLM | REC. STOCKING<br>RATE/AUMs |       | POTEN. FORAGE<br>PRODUCTION | ALTERNATIVE A<br>UNHAR. COMBINED<br>VEG. USES |        | ALTERNATIVE B<br>CONT. OF<br>PRESENT MGMT. |       | ALTERNATIVE C<br>ENHANCED<br>LIVST. FORAGE |       | ALTERNATIVE D<br>ENHANCED<br>WATERMANAGEMENT |        | ALTERNATIVE E<br>NO LIVESTOCK<br>GRAZING |       | ALTERNATIVE F<br>NO ACTION |    |       |       |
|------------------|------------------------|----------------------------|-------|-----------------------------|---|--------|--|-------|--|-------|--|--------|--|-------|----------------------------|----|-------|-------|
|                  |                        | BLM                        | OTHER |                             | BLM   | OTHER  | BLM  | OTHER | ST   | LT    | ST   | LT     | ST                                       | LT    | ST                         | LT |       |       |
| 04/01-03/31      | 2                      | 0                          | 6     | 0                           | 8   | 0      |  |       |  |       |  |        |  |       |                            |    |       |       |
| 04/01-03/31      | 2                      | 0                          | 24    | 0                           | 47  | 0      |  |       |  |       |  |        |  |       |                            |    |       |       |
| 04/01-03/31      | 2                      | 0                          | 7     | 0                           | 15  | 0      |  |       |  |       |  |        |  |       |                            |    |       |       |
| 04/01-03/31      | 2                      | 0                          | 4     | 0                           | 4   | 0      |  |       |  |       |  |        |  |       |                            |    |       |       |
| 04/01-03/30      | 2                      | 0                          | 15    | 0                           | 15  | 0      |  |       |  |       |  |        |  |       |                            |    |       |       |
| 04/01-03/31      | 2                      | 0                          | 3     | 0                           | 3   | 0      |  |       |  |       |  |        |  |       |                            |    |       |       |
| 04/01-03/31      | 2                      | 0                          | 50    | 0                           | 64  | 0      |  |       |  |       |  |        |  |       |                            |    |       |       |
| 04/01-03/31      | 2                      | 0                          | 2     | 0                           | 3   | 0      |  |       |  |       |  |        |  |       |                            |    |       |       |
| 04/01-03/31      | 2                      | 0                          | 4     | 0                           | 6   | 0      |  |       |  |       |  |        |  |       |                            |    |       |       |
| 04/01-03/31      | 2                      | 0                          | 20    | 0                           | 27  | 0      |  |       |  |       |  |        |  |       |                            |    |       |       |
| 04/01-03/31      | 2                      | 0                          | 5     | 0                           | 9   | 0      |  |       |  |       |  |        |  |       |                            |    |       |       |
| 04/01-03/31      | 2                      | 0                          | 5     | 0                           | 10  | 0      |  |       |  |       |  |        |  |       |                            |    |       |       |
| 04/01-03/31      | 2                      | 0                          | 7     | 0                           | 13  | 0      |  |       |  |       |  |        |  |       |                            |    |       |       |
| Sub Total        |                        | 816                        | 0     | 1352                        | 0   |        |  |       |  |       |  |        |  |       |                            |    |       |       |
| Grand Totals     | 73541                  | 55060                      | 78505 | 73816                       | 118367  | 108370 | 73525                                      | 92630 | 73525                                      | 83746 | 77701  | 130747 | 55636                                    | 64350 | 0                          | 0  | 73525 | 73525 |

## PHILLIPS RESOURCE AREA PROPOSED AMPS

| ALLOT.<br>NO. | ALLOTMENT<br>NAME      | MOT<br>SIS | ACRES  | EXCELLENT |       | GOOD |        | RANGE CONDITION |        | POOR   |       | UNUSUITABLE |        | GRAZING<br>ANIMALS<br>NO. | CLS |
|---------------|------------------------|------------|--------|-----------|-------|------|--------|-----------------|--------|--------|-------|-------------|--------|---------------------------|-----|
|               |                        |            |        | BLM       | OTHER | BLM  | OTHER  | BLM             | OTHER  | BLM    | OTHER | BLM         | OTHER  |                           |     |
| 5000          | Corner                 | F          | 480.0  | 320.0     | 0     | 0    | 480.0  | 320.0           | 0      | 0      | 0     | 0           | 0      | 0                         | 59  |
| 5003          | West Sunnyslope        | P          | 1439.8 | 0         | 0     | 0    | 1039.8 | 0               | 400.0  | 0      | 0     | 0           | 0      | 0                         | 36  |
| 5004          | Midsunnyslope          | P          | 799.7  | 0         | 0     | 0    | 799.7  | 0               | 0      | 0      | 0     | 0           | 0      | 0                         | 40  |
| 5005          | Nina Coulee            | P          | 1285.5 | 30.9      | 0     | 0    | 1259.5 | 30.9            | 26.0   | 0      | 0     | 0           | 0      | 0                         | 2   |
| 5006          | North Sunnyslope       | P          | 1757.8 | 320.0     | 0     | 0    | 1757.8 | 320.0           | 0      | 0      | 0     | 0           | 0      | 0                         | 60  |
| 5007          | East Sunnyslope        | P          | 799.6  | 799.4     | 0     | 0    | 799.6  | 799.4           | 0      | 0      | 0     | 0           | 0      | 0                         | 43  |
| 5009          | Upper Whitewater Creek | P          | 4667.8 | 640.0     | 0     | 0    | 4550.8 | 640.0           | 0      | 0      | 117.0 | 0           | 0      | 0                         | 17  |
| 5010          | Fanning Coulees        | P          | 1710.7 | 815.5     | 0     | 0    | 927.0  | 379.5           | 783.7  | 436.0  | 0     | 0           | 0      | 0                         | 3   |
| 5011          | West Big Coulees       | P          | 4710.5 | 719.4     | 0     | 0    | 4710.5 | 719.4           | 0      | 0      | 0     | 0           | 0      | 0                         | 6   |
| 5013          | Divide                 | P          | 7980.3 | 1901.4    | 0     | 0    | 7876.4 | 1901.4          | 103.9  | 0      | 0     | 0           | 0      | 0                         | 32  |
| 5014          | North Pea Lake         | P          | 9272.0 | 0         | 0     | 0    | 9199.0 | 0               | 0      | 0      | 73.0  | 0           | 0      | 0                         | 20  |
| 5015          | South Pea Lake         | P          | 9612.9 | 42.7      | 0     | 0    | 8092.6 | 31.8            | 1444.3 | 10.9   | 76.0  | 0           | 0      | 0                         | 19  |
| 5018          | East Pea Lake          | P          | 553.9  | 0         | 0     | 0    | 314.0  | 0               | 211.0  | 0      | 28.9  | 0           | 0      | 0                         | 13  |
| 5019          | Elmer Coulee           | P          | 1228.8 | 0         | 0     | 0    | 519.9  | 0               | 708.9  | 0      | 0     | 0           | 0      | 0                         | 1   |
| 5020          | North Pleasant View    | P          | 400.0  | 0         | 0     | 0    | 82.0   | 0               | 318.0  | 0      | 0     | 0           | 0      | 0                         | 8   |
| 5021          | Orrey Coulee           | P          | 3548.2 | 1146.2    | 0     | 0    | 2002.6 | 850.2           | 1545.6 | 296.0  | 0     | 0           | 0      | 0                         | 3   |
| 5022          | East Pleasant View     | P          | 2193.9 | 89.9      | 0     | 0    | 1997.7 | 38.4            | 116.0  | 49.0   | 0     | 0           | 10.2   | 2.5                       | 9   |
| 5024          | Upper Snake Creek      | P          | 7390.8 | 7009.3    | 0     | 0    | 4531.5 | 5421.8          | 1745.1 | 1193.6 | 0     | 0           | 1114.2 | 395.9                     | 300 |
|               |                        |            |        |           |       |      |        |                 |        |        |       |             |        |                           | 550 |
|               |                        |            |        |           |       |      |        |                 |        |        |       |             |        |                           | 568 |
|               |                        |            |        |           |       |      |        |                 |        |        |       |             |        |                           | 550 |
|               |                        |            |        |           |       |      |        |                 |        |        |       |             |        |                           | 5   |
|               |                        |            |        |           |       |      |        |                 |        |        |       |             |        |                           | 41  |
|               |                        |            |        |           |       |      |        |                 |        |        |       |             |        |                           | 411 |

| SEASON<br>OF USE | CURRENT<br>BLM<br>BLM<br>OTHER | REC. STOCKING<br>RATE/AUMs | TOTEN. FORAGE<br>PRODUCTION | ALTERNATIVE A |       | ALTERNATIVE B |       | ALTERNATIVE C |      | ALTERNATIVE D |      | ALTERNATIVE E |      | ALTERNATIVE F |     |     |      |      |
|------------------|--------------------------------|----------------------------|-----------------------------|---------------|-------|---------------|-------|---------------|------|---------------|------|---------------|------|---------------|-----|-----|------|------|
|                  |                                |                            |                             | BLM           | OTHER | BLM           | OTHER | ST            | LT   | ST            | LT   | ST            | LT   | ST            | LT  |     |      |      |
| 04/01-09/30      | 142                            | 94                         | 143                         | 95            | 191   | 127           | 142   | 173           | 142  | 142           | 143  | 275           | 107  | 107           | 142 |     |      |      |
| 04/01-03/31      | 2                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 2                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/20-1/20       | 277                            | 0                          | 389                         | 0             | 573   | 0             | 277   | 338           | 277  | 277           | 389  | 879           | 183  | 185           | 0   | 0   |      |      |
| 04/20-1/20       |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               | 277 | 277 |      |      |
| 04/01-03/31      | 7                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 05/01-09/15      | 181                            |                            |                             | 235           | 0     | 313           | 0     | 181           | 221  | 181           | 181  | 235           | 450  | 101           | 101 | 0   | 0    |      |
| 04/01-03/31      | 2                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     | 181 | 181  |      |
| 04/01-03/31      | 5                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 03/01-02/28      | 245                            | 71                         | 375                         | 9             | 504   | 12            | 245   | 299           | 245  | 245           | 375  | 748           | 239  | 239           | 0   | 0   | 245  | 245  |
| 07/01-10/30      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 07/01-10/30      | 11                             | 11                         | 21                          | 2             |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 7                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/27-10/25      | 345                            | 82                         | 519                         | 95            | 693   | 127           | 345   | 421           | 345  | 345           | 519  | 1019          | 241  | 241           | 0   | 0   | 345  | 345  |
| 11/01-11/30      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 05/01-08/31      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 05/01-08/31      | 2                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 10                             |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/15-12/14      | 165                            | 181                        | 232                         | 235           | 310   | 314           | 165   | 201           | 165  | 165           | 232  | 454           | 113  | 113           | 0   | 0   | 165  | 165  |
| 04/01-03/31      | 2                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 5                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 03/01-02/28      | 1010                           | 260                        | 1341                        | 191           | 1822  | 254           | 1010  | 1232          | 1010 | 1010          | 1341 | 2627          | 614  | 614           | 0   | 0   | 1010 | 1010 |
| 05/02-05/31      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 09/01-11/30      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 09/01-11/30      | 0                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 6                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 26                             |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 03/01-02/28      | 397                            | 131                        | 384                         | 159           | 615   | 270           | 337   | 411           | 337  | 337           | 384  | 771           | 337  | 337           | 0   | 0   | 337  | 337  |
| 05/01-10/6       |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 2                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 10                             |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 03/01-02/28      | 1017                           | 142                        | 1386                        | 212           | 1850  | 283           | 1017  | 1241          | 1017 | 1017          | 1386 | 2721          | 707  | 707           | 0   | 0   | 1017 | 1017 |
| 05/01-11/30      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 6                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 26                             |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 03/01-02/28      | 1785                           | 531                        | 2352                        | 564           | 3153  | 753           | 1785  | 2177          | 1785 | 1785          | 2352 | 3586          | 1205 | 1205          | 0   | 0   | 1785 | 1785 |
| 04/18-11/31      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-10/30      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 8                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 03/01-02/28      | 2316                           | 227                        | 2606                        | 0             | 3508  | 0             | 2316  | 2823          | 2316 | 2316          | 2606 | 4926          | 1622 | 1622          | 0   | 0   | 2316 | 2316 |
| 04/11-11/30      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/20-04/31      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 06/01-06/30      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 07/14-11/05      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/29-11/10      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-10/31      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 9                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 53                             |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 03/01-02/28      | 2265                           | 7                          | 2570                        | 11            | 3632  | 15            | 2265  | 2763          | 2265 | 2265          | 2570 | 4971          | 1379 | 1385          | 0   | 0   | 2265 | 2265 |
| 04/15-10/26      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 9                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 55                             |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 03/01-02/28      | 157                            |                            | 134                         | 0             | 215   | 0             | 157   | 192           | 157  | 157           | 157  | 162           | 105  | 288           | 0   | 0   | 157  | 157  |
| 04/01-03/31      | 2                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 2                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 03/01-02/28      | 348                            |                            | 288                         | 0             | 474   | 0             | 348   | 425           | 348  | 348           | 288  | 633           | 257  | 342           | 0   | 0   | 348  | 348  |
| 05/15-11/04      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 2                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 7                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 03/01-02/28      | 96                             |                            | 85                          | 0             | 155   | 0             | 96    | 117           | 96   | 96            | 96   | 233           | 64   | 109           | 0   | 0   | 96   | 96   |
| 04/01-03/31      | 2                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 2                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 03/01-02/28      | 859                            | 429                        | 906                         | 311           | 1413  | 454           | 859   | 1099          | 859  | 859           | 906  | 2391          | 534  | 692           | 0   | 0   | 859  | 859  |
| 04/20-04/30      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 05/01-05/20      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 05/21-06/16      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 07/01-07/21      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 09/23-10/25      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 3                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 19                             |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 03/01-02/28      | 471                            | 22                         | 603                         | 20            | 830   | 33            | 471   | 575           | 471  | 471           | 603  | 1173          | 181  | 164           | 0   | 0   | 471  | 471  |
| 04/15-06/10      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 06/15-07/15      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 2                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-03/31      | 12                             |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-05/09      | 1042                           | 2477                       | 1242                        | 1490          | 1828  | 2108          | 1042  | 1179          | 1042 | 1042          | 1242 | 1928          | 644  | 734           | 0   | 0   | 1042 | 1042 |
| 05/01-06/27      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 06/28-08/31      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 09/01-10/28      |                                |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 04/01-10/31      | 8                              |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 05/01-11/30      | 66                             |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |
| 03/01-03/31      | 35                             |                            |                             |               |       |               |       |               |      |               |      |               |      |               |     |     |      |      |

## PHILLIPS RESOURCE AREA PROPOSED ANPs CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME        | NET<br>SIS | ACRES   | EXCELLENT |       | GOOD   |        | BARGE CONDITION |        | POOR  |       | UNSUITABLE |       | GRAZING<br>NO. | CLAS |    |
|---------------|--------------------------|------------|---------|-----------|-------|--------|--------|-----------------|--------|-------|-------|------------|-------|----------------|------|----|
|               |                          |            |         | SLM       | OTHER | SLM    | OTHER  | SLM             | OTHER  | SLM   | OTHER | SLM        | OTHER |                |      |    |
| 5027          | Cottonwood Creek         | P          | 5993.7  | 2899.2    |       | 4058.3 | 1370.6 | 932.6           | 1380.5 | 0     | 0     | 1022.8     | 148.1 | 1              | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 200            | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 4              | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 33             | DN   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 33             | DM   |    |
| 5028          | West Cottonwood          | P          | 607.3   | 1115.7    | 0     | 0      | 366.5  | 917.3           | 236.6  | 107.6 | 0     | 0          | 4.2   | 90.8           | 9    | CA |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 1              | AN   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 1              | DM   |    |
| 5031          | Wallis Coulee            | P          | 1764.8  | 1674.8    | 0     | 0      | 1441.0 | 1008.1          | 323.8  | 662.9 | 0     | 0          | 0     | 3.8            | 2    | CA |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 126            | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 200            | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 126            | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 1              | AN   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 4              | DM   |    |
| 5033          | Kashaw Coulee            | P          | 1039.4  | 0         | 0     | 0      | 463.6  | 0               | 575.8  | 0     | 0     | 0          | 0     | 0              | 2    | CA |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 40             | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 1              | AN   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 8              | DM   |    |
| 5035          | North Whitewater<br>Lake | P          | 6429.4  | 1316.7    | 0     | 0      | 4422.3 | 1056.7          | 1924.1 | 260.0 | 83.0  | 0          | 0     | 0              | 8    | CA |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 200            | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 250            | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 4              | AN   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 15             | DM   |    |
| 5039          | Whitewater Creek         | P          | 5484.1  | 1421.3    | 0     | 0      | 4847.6 | 1149.6          | 636.5  | 271.7 | 0     | 0          | 0     | 0              | 18   | CA |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 234            | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 4              | AN   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 13             | DM   |    |
| 5040          | Wren Coulee              | P          | 1319.3  | 1191.6    | 0     | 0      | 1305.3 | 1181.6          | 14.0   | 10.0  | 0     | 0          | 0     | 0              | 22   | CA |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 1              | AN   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 3              | DM   |    |
| 5041          | Lake Coulee              | P          | 5814.2  | 2395.8    | 0     | 0      | 5784.2 | 2297.0          | 30.0   | 98.8  | 0     | 0          | 0     | 0              | 5    | CA |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 100            | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 151            | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 205            | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 5              | AN   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 206            | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 58             | AN   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 5              | DM   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 14             | DM   |    |
| 5042          | Fiat Coules              | P          | 2604.6  | 1080.9    | 0     | 0      | 2604.6 | 1080.9          | 0      | 0     | 0     | 0          | 0     | 0              | 2    | CA |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 134            | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 2              | AN   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 6              | DM   |    |
| 5043          | Horseshoe Lake           | P          | 11385.0 | 3728.3    | 0     | 0      | 9374.8 | 3265.6          | 1990.2 | 462.7 | 0     | 0          | 20.0  | 0              | 1    | CA |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 141            | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 330            | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 9              | AN   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 27             | DM   |    |
| 5044          | North Horseshoe<br>Lake  | P          | 1964.8  | 399.8     | 0     | 0      | 1964.8 | 399.8           | 0      | 0     | 0     | 0          | 0     | 0              | 70   | CA |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 90             | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 40             | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 23             | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 1              | AN   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 2              | AN   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 5              | DM   |    |
| 5045          | All Fronts               | P          | 639.9   | 0         | 0     | 0      | 487.9  | 0               | 152.0  | 0     | 0     | 0          | 0     | 0              | 24   | CA |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 1              | AN   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 2              | DM   |    |
| 5047          | Horseshoe Coules         | P          | 6016.3  | 4191.2    | 0     | 0      | 5363.3 | 3829.5          | 640.8  | 359.7 | 0     | 0          | 12.2  | 2.0            | 7    | CA |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 239            | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 272            | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 5              | AN   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 15             | DM   |    |
| 5049          | North Black Coules       | P          | 151.9   | 0         | 0     | 0      | 94.4   | 0               | 33.9   | 0     | 0     | 0          | 0     | 0              | 74   | CA |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 1              | AN   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 2              | DM   |    |
| 5052          | Cowie Coules             | P          | 457.6   | 0         | 0     | 0      | 457.6  | 0               | 0      | 0     | 0     | 0          | 0     | 0              | 9    | CA |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 1              | AN   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 1              | DM   |    |
| 5053          | Take-away                | P          | 3042.7  | 1115.6    | 0     | 0      | 2991.9 | 1113.7          | 0      | 0     | 0     | 0          | 50.8  | 1.9            | 260  | CA |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 2              | AN   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 3              | DM   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 7              | DM   |    |
| 5056          | Lower Lake Coules        | P          | 1225.4  | 0         | 0     | 0      | 944.7  | 0               | 280.7  | 0     | 0     | 0          | 0     | 0              | 50   | CA |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 1              | AN   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 3              | DM   |    |
| 5058          | North Dibble<br>Coules   | P          | 670.9   | 1048.6    | 0     | 0      | 670.9  | 1048.6          | 0      | 0     | 0     | 0          | 0     | 0              | 3    | CA |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 60             | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 63             | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 60             | CA   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 1              | AN   |    |
|               |                          |            |         |           |       |        |        |                 |        |       |       |            |       | 2              | DM   |    |

| SEASON      | NO. OF USES | REC STOCKING |      | OPEN FORAGE |       | ALTERNATIVE A |       | ALTERNATIVE B                 |           | ALTERNATIVE C           |      | ALTERNATIVE D |      | ALTERNATIVE E |    | ALTERNATIVE F           |           |      |
|-------------|-------------|--------------|------|-------------|-------|---------------|-------|-------------------------------|-----------|-------------------------|------|---------------|------|---------------|----|-------------------------|-----------|------|
|             |             | CURRENT      | NUMS | BLW         | OTHER | BLW           | OTHER | ENHAN. COMBINED<br>PRODUCTION | VEG. USES | CONT. OF<br>PRED. MNTY. | BT   | BT            | BT   | BT            | BT | NO LIVESTOCK<br>GRAZING | NO ACTION |      |
| 03/01-02/28 | 696         | 510          | 1615 | 563         | 1447  | 894           | 696   | 649                           | 696       | 696                     | 1015 | 1015          | 515  | 515           | 0  | 696                     | 696       |      |
| 05/15-11/14 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 6           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-11/20 | 53          |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 12/01-03/31 | 26          |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 03/01-02/28 | 110         |              | 145  | 256         | 218   | 353           | 110   | 134                           | 110       | 110                     | 145  | 264           | 74   | 79            | 0  | 0                       | 110       | 110  |
| 04/01-03/31 | 2           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 2           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 03/01-02/28 | 299         | 184          | 378  | 385         | 548   | 594           | 299   | 365                           | 299       | 299                     | 378  | 549           | 216  | 219           | 0  | 0                       | 299       | 299  |
| 06/01-06/30 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 05/01-10/13 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 06/01-08/30 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 2           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 10          |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 03/01-02/28 | 227         |              | 249  | 0           | 405   | 0             | 227   | 277                           | 227       | 227                     | 249  | 537           | 148  | 215           | 0  | 0                       | 227       | 227  |
| 05/01-10/13 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 2           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 19          |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 03/01-02/28 | 1391        | 345          | 1647 | 330         | 2470  | 475           | 1391  | 1697                          | 1391      | 1391                    | 1647 | 1731          | 863  | 998           | 0  | 0                       | 1391      | 1391 |
| 05/06-08/17 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 05/20-11/25 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 6           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 36          |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 03/01-02/28 | 1122        | 259          | 1470 | 349         | 2041  | 491           | 1122  | 1368                          | 1122      | 1122                    | 1470 | 2671          | 1016 | 1019          | 0  | 0                       | 1122      | 1122 |
| 05/01-09/30 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 6           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 31          |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 03/01-02/28 | 266         |              | 370  | 341         | 497   | 457           | 266   | 325                           | 266       | 266                     | 370  | 686           | 178  | 178           | 0  | 0                       | 266       | 266  |
| 04/01-03/31 | 2           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 7           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 03/01-02/28 | 1078        | 435          | 1701 | 690         | 2276  | 935           | 1078  | 1315                          | 1078      | 1078                    | 1701 | 3324          | 764  | 764           | 0  | 0                       | 1078      | 1078 |
| 05/04-09/20 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 05/01-05/31 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 08/21-10/14 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 06/20-09/30 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 05/20-10/20 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 05/01-10/04 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 8           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 34          |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-02/31 | 491         | 217          | 764  | 320         | 1020  | 427           | 481   | 587                           | 481       | 481                     | 764  | 1504          | 291  | 291           | 0  | 0                       | 491       | 491  |
| 05/01-09/30 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-11/30 | 3           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 12/01-03/31 | 14          |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 03/01-02/28 | 2414        | 708          | 3070 | 1014        | 4357  | 1412          | 2414  | 2945                          | 2414      | 2414                    | 3070 | 5901          | 1646 | 1646          | 0  | 0                       | 2414      | 2414 |
| 05/01-12/01 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 14          |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 65          |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/25-05/18 | 385         | 75           | 572  | 115         | 764   | 154           | 385   | 470                           | 385       | 385                     | 572  | 593           | 132  | 132           | 0  | 0                       | 385       | 385  |
| 05/19-06/12 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 06/13-06/28 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 06/29-10/06 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 05/20-10/12 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 3           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 12          |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-08/24 | 97          | 20           | 171  | 0           | 249   | 0             | 97    | 118                           | 97        | 97                      | 171  | 346           | 37   | 37            | 0  | 0                       | 97        | 97   |
| 04/01-03/31 | 2           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 5           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 03/01-02/28 | 1404        | 852          | 1679 | 1235        | 2303  | 1684          | 1404  | 1713                          | 1404      | 1404                    | 1679 | 2920          | 973  | 982           | 0  | 0                       | 1404      | 1404 |
| 04/01-06/09 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 15          |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 8           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 3           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 05/01-10/14 | 27          | 379          | 27   | 0           | 40    | 0             | 27    | 33                            | 27        | 27                      | 27   | 38            | 17   | 22            | 0  | 0                       | 27        | 27   |
| 04/01-03/31 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 5           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 03/01-02/28 | 109         |              | 116  | 0           | 156   | 0             | 109   | 133                           | 109       | 109                     | 116  | 208           | 73   | 73            | 0  | 0                       | 109       | 109  |
| 04/01-03/31 | 2           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 2           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 11          |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 06/17-09/12 | 500         | 242          | 708  | 275         | 954   | 369           | 509   | 621                           | 509       | 509                     | 708  | 1190          | 427  | 434           | 0  | 0                       | 509       | 509  |
| 04/01-03/31 | 3           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 2           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 2           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-11/30 | 11          |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 05/01-09/18 | 229         |              | 309  | 0           | 448   | 0             | 229   | 279                           | 229       | 229                     | 309  | 592           | 129  | 136           | 0  | 0                       | 229       | 229  |
| 04/01-03/31 | 2           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 7           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 2           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 03/01-02/28 | 131         | 135          | 199  | 311         | 265   | 414           | 131   | 160                           | 131       | 131                     | 199  | 398           | 79   | 79            | 0  | 0                       | 131       | 131  |
| 05/15-05/31 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 05/01-07/15 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 07/01-08/15 |             |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 2           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |
| 04/01-03/31 | 5           |              |      |             |       |               |       |                               |           |                         |      |               |      |               |    |                         |           |      |

## PHILLIPS RESOURCE AREA PROPOSED ANPs CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME     | MGT<br>CLS | ACRES  | EXCELLENT |       | GOOD   |        | RANGE CONDITION |       | POOR   |       | UNSUITABLE |       | NO.<br>CLS | GRAZING<br>ANIMALS |
|---------------|-----------------------|------------|--------|-----------|-------|--------|--------|-----------------|-------|--------|-------|------------|-------|------------|--------------------|
|               |                       |            |        | BLM       | OTHER | BLM    | OTHER  | BLM             | OTHER | BLM    | OTHER | BLM        | OTHER |            |                    |
|               |                       |            |        | 0         | 0     | 1875.4 | 3473.7 | 282.3           | 0     | 0      | 0     | 0          | 0     |            |                    |
| 5059          | Dibble Coulee         | P          | 2157.9 | 3473.7    |       |        |        |                 |       |        |       |            |       |            | 16 CA              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 47 CA              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 9 AN               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 3 DM               |
| 5063          | Sick Coulee           | P          | 1125.8 | 697.7     | 0     | 0      | 509.5  | 233.7           | 616.3 | 464.0  | 0     | 0          | 0     | 0          | 7 CA               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 47 CA              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 9 AN               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 3 DM               |
| 5064          | Whitewater            | P          | 1461.9 | 279.1     | 0     | 0      | 1461.9 | 279.1           | 0     | 0      | 0     | 0          | 0     | 0          | 2 CA               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 50 CA              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 1 AN               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 3 DM               |
| 5066          | Provost Coulee        | P          | 2578.9 | 319.8     | 0     | 0      | 1949.1 | 236.9           | 624.7 | 82.9   | 0     | 0          | 5.1   | 0          | 20 CA              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 110 CA             |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 130 CA             |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 2 AM               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 6 DM               |
| 5067          | Lone Tree             | P          | 754.3  | 40.0      | 0     | 0      | 741.5  | 39.7            | 0     | 0      | 0     | 0          | 12.8  | 0          | 20 CA              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 110 CA             |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 1 AN               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 2 DM               |
| 5069          | Westfork Stinky       | P          | 1649.9 | 0         | 0     | 0      | 1649.9 | 0               | 0     | 0      | 0     | 0          | 0     | 0          | 75 CA              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 1 AN               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 4 DM               |
| 5070          | Stinky Creek          | P          | 719.7  | 326.8     | 0     | 0      | 218.5  | 0               | 476.7 | 315.2  | 0     | 0          | 24.5  | 11.6       | 8 CA               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 1 AN               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 1 DM               |
| 5071          | Turkey Track          | P          | 6494.9 | 3986.3    | 0     | 0      | 6336.8 | 3952.8          | 0     | 0      | 0     | 0          | 158.1 | 33.5       | 115 CA             |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 42 CA              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 98 CA              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 98 CA              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 27 CA              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 65 CA              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 38 CA              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 38 CA              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 44 CA              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 58 CA              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 4 AN               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 14 DM              |
| 5072          | Upper E. Fork Stinky  | P          | 589.7  | 0         | 0     | 0      | 589.7  | 0               | 0     | 0      | 0     | 0          | 0     | 0          | 10 CA              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 1 AN               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 1 DM               |
| 5073          | Eklund Coules         | P          | 2042.3 | 2621.4    | 0     | 0      | 1625.9 | 2328.3          | 0     | 0      | 0     | 0          | 416.4 | 293.1      | 1 CA               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 101 CA             |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 10 AN              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 11 AN              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 8 DM               |
| 5074          | Corral Coules         | P          | 320.0  | 0         | 0     | 0      | 0      | 0               | 320.0 | 0      | 0     | 0          | 0     | 0          | 6 CA               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 1 AN               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 2 DM               |
| 5075          | Two Mile Coules       | P          | 2950.9 | 3300.0    | 0     | 0      | 2406.7 | 2629.2          | 133.8 | 407.8  | 0     | 0          | 410.4 | 263.0      | 3 BO               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 345 CA             |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 266 CA             |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 16 CA              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 16 CA              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 110 CA             |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 83 AN              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 2 AN               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 13 DM              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 16 DM              |
| 5076          | Panhandle Coules      | P          | 784.1  | 0         | 0     | 0      | 237.7  | 0               | 514.2 | 0      | 0     | 0          | 32.2  | 0          | 12 CA              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 7 AN               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 1 DM               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 4 DM               |
| 5078          | Rattlesnake Coules    | P          | 312    | 110.9     | 0     | 0      | 64.0   | 6.0             | 248.0 | 104.9  | 0     | 0          | 0     | 0          | 5 CA               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 1 AN               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 1 DM               |
| 5080          | E. Fork Stinky Coules | P          | 1973.7 | 4114.6    | 0     | 0      | 1302.1 | 1778.9          | 660.0 | 2310.6 | 0     | 0          | 31.6  | 25.1       | 1 CA               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 175 CA             |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 1 AN               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 3 DM               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 11 DM              |
| 5086          | Lower Coop Coules     | P          | 2892.1 | 399.6     | 0     | 0      | 2428.6 | 399.6           | 463.5 | 0      | 0     | 0          | 0     | 0          | 1 CA               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 100 CA             |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 48 CA              |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 120 CA             |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 100 CA             |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 2 AN               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 4 DM               |
|               |                       |            |        |           |       |        |        |                 |       |        |       |            |       |            | 15 DM              |

| SEASON<br>OF USE | CURRENT<br>ADM. | REV. | STOCKING<br>RATE/AUCTION | TOTEN.FORAGE<br>PRODUCTION | ALTERNATIVE A |       | ALTERNATIVE B |       | ALTERNATIVE C               |      | ALTERNATIVE D |                          | ALTERNATIVE E |      | ALTERNATIVE F              |     |      |
|------------------|-----------------|------|--------------------------|----------------------------|---------------|-------|---------------|-------|-----------------------------|------|---------------|--------------------------|---------------|------|----------------------------|-----|------|
|                  |                 |      |                          |                            | BLW           | OTHER | BLW           | OTHER | ENHAN.COMBINED<br>VEG. USES | ST   | LT            | ENHANCED<br>LVS1. FORAGE | ST            | LT   | ENHANCED<br>WATER/WILDLIFE | ST  | LT   |
| 03/26-09/20      | 451             | 687  | 533                      | 1007                       | 745           | 1346  |               |       | 451                         | 550  | 451           | 451                      | 533           | 886  | 322                        | 322 |      |
| 05/15-06/01      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 06/22-10/15      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 05/15-06/01      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 3               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 12              |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 03/01-02/28      | 204             | 102  | 260                      | 152                        | 421           | 260   | 204           | 303   | 204                         | 204  | 260           | 510                      | 123           | 188  |                            |     | 204  |
| 03/26-09/20      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 14              |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 7               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 03/01-02/28      | 256             | 40   | 419                      | 88                         | 559           | 116   | 256           | 312   | 256                         | 256  | 419           | 637                      | 116           | 116  |                            |     | 256  |
| 04/26-10/11      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 2               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 7               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 06/02-05/21      | 520             | 67   | 636                      | 76                         | 934           | 112   | 520           | 634   | 520                         | 520  | 636           | 1151                     | 345           | 366  |                            |     | 520  |
| 05/15-06/01      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 07/20-10/18      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 3               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 14              |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 05/01-06/01      | 130             | 5    | 187                      | 10                         | 251           | 14    | 130           | 159   | 130                         | 130  | 187           | 313                      | 111           | 116  |                            |     | 130  |
| 11/10-12/10      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 2               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 5               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 05/01-10/09      | 398             |      | 460                      | 0                          | 617           | 0     | 398           | 486   | 398                         | 398  | 460           | 855                      | 254           | 254  |                            |     | 398  |
| 04/01-03/31      | 2               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 10              |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 03/01-02/28      | 99              |      | 126                      | 47                         | 219           | 94    | 99            | 157   | 99                          | 99   | 126           | 207                      | 67            | 105  |                            |     | 99   |
| 04/01-03/31      | 2               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 2               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 07/01-09/30      | 1182            | 921  | 1653                     | 1069                       | 2216          | 1431  | 1182          | 1442  | 1182                        | 1182 | 1653          | 2738                     | 913           | 1085 |                            |     | 1182 |
| 05/15-06/13      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 07/16-10/13      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 07/15-09/28      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 05/16-10/31      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 05/17-10/27      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 07/18-10/31      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 05/15-10/19      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 05/16-10/15      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 6               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 34              |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 03/01-02/28      | 122             |      | 170                      | 0                          | 277           | 0     | 122           | 149   | 122                         | 122  | 170           | 335                      | 82            | 82   |                            |     | 122  |
| 04/01-03/31      | 2               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 2               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 03/01-02/28      | 181             | 325  | 363                      | 604                        | 485           | 805   | 181           | 221   | 181                         | 181  | 363           | 489                      | 112           | 169  |                            |     | 181  |
| 05/04-10/01      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 12/01-02/31      | 2               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-11/30      | 6               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 12/01-11/30      | 26              |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 12/01-03/31      | 6               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 03/01-02/28      | 73              |      | 53                       | 0                          | 107           | 0     | 73            | 132   | 73                          | 73   | 53            | 141                      | 49            | 88   |                            |     | 73   |
| 04/01-03/31      | 2               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 1               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 5               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 03/01-02/28      | 303             | 1939 | 547                      | 721                        | 748           | 1010  | 303           | 370   | 303                         | 303  | 547           | 776                      | 173           | 220  |                            |     | 303  |
| 03/01-03/31      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 03/01-03/31      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 03/01-06/27      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 09/01-10/31      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-11/30      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 11/01-07/28      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 12/01-01/31      | 44              |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-11/30      | 1               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-11/30      | 12              |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 12/01-03/31      | 38              |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-11/30      | 142             |      | 144                      | 0                          | 251           | 0     | 142           | 200   | 142                         | 142  | 144           | 240                      | 94            | 132  |                            |     | 142  |
| 03/01-02/28      | 4               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 12/01-02/31      | 2               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-11/30      | 6               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 12/01-03/31      | 10              |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-11/30      | 60              |      | 66                       | 22                         | 120           | 42    | 60            | 111   | 60                          | 60   | 66            | 134                      | 40            | 74   |                            |     | 60   |
| 03/01-02/28      | 2               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 2               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 26              |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 431             | 627  | 433                      | 903                        | 667           | 1512  | 431           | 526   | 431                         | 431  | 433           | 740                      | 268           | 320  |                            |     | 431  |
| 03/01-02/28      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 05/01-10/29      | 2               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 2               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 12/01-03/31      | 26              |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-11/30      | 557             | 117  | 749                      | 114                        | 1053          | 153   | 557           | 675   | 557                         | 557  | 749           | 1440                     | 291           | 291  |                            |     | 557  |
| 03/01-02/28      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/15-05/06      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-11/30      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 11/01-11/17      |                 |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 11/01-11/30      | 3               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 04/01-03/31      | 3               |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |
| 12/01-03/31      | 36              |      |                          |                            |               |       |               |       |                             |      |               |                          |               |      |                            |     |      |

## PHILLIPS RESOURCE AREA PROPOSED AMD'S CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME  | MGT<br>SNT | ACRES  | EXCELLENT |       | GOOD |       | RANGE CONDITION |        | POOR   |        | UNSUITABLE |       | GRAZING<br>ANIMALS<br>NO. | CLS   |     |    |
|---------------|--------------------|------------|--------|-----------|-------|------|-------|-----------------|--------|--------|--------|------------|-------|---------------------------|-------|-----|----|
|               |                    |            |        | BLM       | OTHER | BLM  | OTHER | BLM             | OTHER  | BLM    | OTHER  | BLM        | OTHER |                           |       |     |    |
| 5058          | Lower Lush Coulees | F          | 660.8  | 0         | 0     | 0    | 0     | 239.6           | 0      | 0      | 0      | 0          | 0     | 0                         | 21    | CA  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 1     | AN  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 1     | DM  |    |
| 5090          | Lush Coulees       | P          | 239.6  | 0         | 0     | 0    | 0     | 239.6           | 0      | 0      | 0      | 0          | 0     | 0                         | 5     | CA  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 1     | AN  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 1     | DN  |    |
| 5091          | Belle Coulees      | P          | 1021.9 | 905.6     | 0     | 0    | 0     | 997.5           | 877.7  | 0      | 0      | 0          | 0     | 24.4                      | 27.9  | 3   | CA |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 425   | CA  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 1     | AN  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 5     | DM  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 2     | DM  |    |
| 5092          | Mount Coulees      | P          | 215.4  | 0         | 0     | 0    | 0     | 213.3           | 0      | 0      | 0      | 0          | 0     | 2.1                       | 0     | 3   | CA |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 1     | AN  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 1     | PK  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 1     | DM  |    |
| 5097          | Black Coulee       | P          | 3211.8 | 1362.6    | 0     | 0    | 0     | 2447.0          | 1105.2 | 685.4  | 230.0  | 0          | 0     | 79.4                      | 27.4  | 40  | CA |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 112   | CA  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 3     | AN  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 14    | DM  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 6     | DM  |    |
| 5100          | Mud Creek          | P          | 1714.4 | 150.0     | 0     | 0    | 0     | 654.6           | 0      | 1059.8 | 150.0  | 0          | 0     | 0                         | 0     | 76  | CA |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 1     | AN  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 4     | DM  |    |
| 5101          | Upper Mud Creek    | P          | 879.5  | 0         | 0     | 0    | 0     | 762.6           | 0      | 116.9  | 0      | 0          | 0     | 0                         | 0     | 75  | CA |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 35    | CA  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 50    | CA  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 1     | AN  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 2     | DM  |    |
| 5104          | Pierson Coulees    | P          | 3634.0 | 3231.9    | 0     | 0    | 0     | 2713.1          | 1530.0 | 822.1  | 1630.4 | 0          | 0     | 0                         | 0     | 13  | CA |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 231   | CA  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 3     | AN  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 9     | DM  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 19    | DM  |    |
| 5106          | Shed Coulees       | P          | 781.1  | 921.3     | 0     | 0    | 0     | 693.8           | 655.5  | 68.8   | 266.0  | 0          | 0     | 18.5                      | 0     | 52  | CA |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 1     | AN  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 2     | DM  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 5     | DM  |    |
| 5107          | Garland Creek      | P          | 4567.9 | 1469.3    | 0     | 0    | 0     | 4189.7          | 1193.9 | 145.6  | 242.9  | 0          | 0     | 232.6                     | 32.5  | 3   | CA |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 260   | CA  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 259   | CA  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 4     | AN  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 11    | DM  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 29    | DM  |    |
| 5108          | Davenport Coulees  | P          | 966.1  | 0         | 0     | 0    | 0     | 844.7           | 0      | 84.0   | 0      | 0          | 0     | 37.4                      | 0     | 2   | CA |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 23    | CA  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 1     | AN  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 2     | DM  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 6     | DM  |    |
| 5112          | Bughouse Coulees   | P          | 1836.2 | 6668.0    | 0     | 0    | 0     | 1658.4          | 6046.2 | 79.9   | 402.6  | 56.8       | 16.8  | 31.1                      | 202.4 | 52  | CA |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 1     | AN  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 17    | DM  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 4     | DM  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 2     | DM  |    |
| 5116          | Alkali Coulees     | P          | 3519.1 | 1925.4    | 0     | 0    | 0     | 2836.1          | 758.3  | 668.3  | 1167.1 | 0          | 0     | 14.7                      | 0     | 18  | CA |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 133   | CA  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 10    | HO  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 3     | AN  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 13    | AN  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 8     | DM  |    |
| 5122          | Rock Coulees       | P          | 823.3  | 598.3     | 0     | 0    | 0     | 153.7           | 206.6  | 614.4  | 362.6  | 0          | 0     | 55.2                      | 29.1  | 1   | CA |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 90    | CA  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 1     | AN  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 5     | DM  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 5     | DM  |    |
| 5127          | Dry Stinky Coulees | P          | 349.6  | 0         | 0     | 0    | 0     | 136.7           | 0      | 212.9  | 0      | 0          | 0     | 0                         | 0     | 4   | CA |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 1     | AN  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 1     | DM  |    |
| 5129          | Lower White Water  | P          | 319.5  | 212.9     | 0     | 0    | 0     | 319.5           | 212.9  | 0      | 0      | 0          | 0     | 0                         | 0     | 5   | CA |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 1     | AN  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 1     | DM  |    |
| 5130          | Horse Camp Coulee  | P          | 6018.0 | 3075.1    | 0     | 0    | 0     | 5613.5          | 2943.7 | 112.9  | 20.9   | 0          | 0     | 291.6                     | 110.5 | 200 | CA |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 260   | CA  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 5     | AN  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 58    | AN  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 14    | DM  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 20    | DM  |    |
| 5131          | Basin Coulee       | P          | 3175.8 | 708.5     | 0     | 0    | 0     | 3129.6          | 708.5  | 46.0   | 0      | 0          | 0     | .2                        | 0     | 5   | CA |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 138   | CA  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 2     | AN  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 32    | AN  |    |
|               |                    |            |        |           |       |      |       |                 |        |        |        |            |       |                           | 7     | DM  |    |

| SEASON OF USE | CURRENT ALM <sup>a</sup> | BLM | OTHER | REC. STOCKING POTEN. |       | FORAGE PRODUCTION |       | ALTERNATIVE A |     | ALTERNATIVE B |      | ALTERNATIVE C |     | ALTERNATIVE D |     | ALTERNATIVE E |     | ALTERNATIVE F |     |
|---------------|--------------------------|-----|-------|----------------------|-------|-------------------|-------|---------------|-----|---------------|------|---------------|-----|---------------|-----|---------------|-----|---------------|-----|
|               |                          |     |       | BLM                  | OTHER | BLM               | OTHER | BT            | LT  | BT            | LT   | ST            | LT  | ST            | LT  | ST            | LT  | ST            | LT  |
| 05/01-10/31   | 128                      | 171 | 0     | 238                  | 0     | 128               | 156   | 128           | 171 | 128           | 171  | 128           | 171 | 128           | 171 | 128           | 171 | 128           | 171 |
| 04/01-03/31   | 2                        | 2   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 59                       | 62  | 0     | 84                   | 0     | 59                | 72    | 59            | 59  | 62            | 103  | 39            | 39  |               |     |               |     | 59            | 59  |
| 04/01-03/31   | 2                        | 2   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 186                      | 489 | 269   | 235                  | 361   | 315               | 186   | 227           | 186 | 186           | 269  | 537           | 63  | 64            |     |               |     | 186           | 186 |
| 04/01-03/31   | 2                        | 2   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 186                      | 489 | 269   | 235                  | 361   | 315               | 186   | 227           | 186 | 186           | 269  | 537           | 63  | 64            |     |               |     | 186           | 186 |
| 04/01-03/31   | 2                        | 2   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-11/30   | 3                        | 3   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 37                       | 57  | 0     | 76                   | 0     | 37                | 45    | 37            | 37  | 57            | 107  | 25            | 25  |               |     |               |     | 37            | 37  |
| 04/01-03/31   | 2                        | 2   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-11/30   | 1                        | 1   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-11/30   | 2                        | 2   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 05/01-11/30   | 750                      | 318 | 728   | 312                  | 1067  | 445               | 750   | 915           | 750 | 750           | 750  | 1209          | 502 | 556           |     |               |     | 750           | 750 |
| 05/01-12/01   | 8                        | 8   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 22                       | 22  |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 12/01-03/31   | 5                        | 5   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 05/01-09/30   | 340                      | 37  | 367   | 25                   | 614   | 50                | 340   | 515           | 340 | 340           | 367  | 773           | 203 | 319           |     |               |     | 340           | 340 |
| 04/01-03/31   | 1                        | 1   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 10                       | 10  |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 05/15-06/25   | 197                      | 247 | 0     | 344                  | 0     | 197               | 240   | 197           | 197 | 247           | 479  | 91            | 91  |               |     |               | 197 | 197           |     |
| 06/01-07/14   |                          |     |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 06/15-09/04   |                          |     |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 2                        | 2   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 5                        | 5   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 675                      | 630 | 776   | 0                    | 1144  | 1093              | 675   | 824           | 675 | 824           | 776  | 1190          | 646 | 703           |     |               |     | 675           | 675 |
| 07/01-11/30   |                          |     |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 5                        | 5   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 01/11-11/31   | 14                       | 14  |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 12/01-03/31   | 15                       | 15  |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 05/01-11/15   | 138                      | 202 | 183   | 210                  | 254   | 314               | 138   | 168           | 138 | 138           | 183  | 259           | 95  | 105           |     |               |     | 138           | 138 |
| 04/01-03/31   | 2                        | 2   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-11/30   | 3                        | 3   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 12/01-03/31   | 4                        | 4   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 03/01-02/21   | 799                      | 334 | 1046  | 390                  | 1418  | 549               | 799   | 975           | 799 | 799           | 1046 | 1614          | 504 | 565           |     |               |     | 799           | 799 |
| 03/01-06/16   |                          |     |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 09/11-12/02   |                          |     |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 6                        | 6   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-11/30   | 18                       | 18  |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 12/01-03/31   | 23                       | 23  |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 158                      | 183 | 210   | 254                  | 314   | 158               | 193   | 158           | 158 | 158           | 225  | 368           | 104 | 112           |     |               |     | 158           | 158 |
| 05/01-10/31   |                          |     |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 05/01-10/31   | 1                        | 1   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 12/01-03/31   | 1                        | 1   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-11/30   | 5                        | 5   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 12/01-03/31   | 5                        | 5   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 05/01-10/31   | 309                      | 473 | 1702  | 673                  | 2325  | 309               | 377   | 309           | 309 | 473           | 813  | 200           | 208 |               |     |               | 309 | 309           |     |
| 04/01-11/30   | 1                        | 1   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-11/30   | 9                        | 9   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-11/30   | 6                        | 6   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 12/01-03/31   | 2                        | 2   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 772                      | 414 | 927   | 387                  | 1317  | 631               | 772   | 942           | 772 | 772           | 927  | 1795          | 576 | 587           |     |               |     | 772           | 772 |
| 03/15-11/15   |                          |     |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 05/15-11/15   |                          |     |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-11/30   | 3                        | 3   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 12/01-03/31   | 9                        | 9   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 19                       | 19  |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 98                       | 58  | 140   | 112                  | 249   | 188               | 98    | 153           | 98  | 98            | 140  | 211           | 95  | 131           |     |               |     | 98            | 98  |
| 03/01-06/19   |                          |     |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 2                        | 2   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-11/30   | 8                        | 8   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 12/01-03/31   | 4                        | 4   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 51                       | 77  | 0     | 129                  | 0     | 51                | 94    | 51            | 51  | 77            | 148  | 35            | 63  |               |     |               | 51  | 51            |     |
| 04/01-03/31   | 2                        | 2   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 2                        | 2   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 57                       | 87  | 59    | 117                  | 79    | 57                | 70    | 57            | 57  | 87            | 136  | 37            | 39  |               |     |               | 57  | 57            |     |
| 04/01-03/31   | 2                        | 2   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 2                        | 2   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/15-05/14   | 802                      | 436 | 1391  | 764                  | 1872  | 1024              | 801   | 978           | 802 | 802           | 1391 | 2078          | 284 | 372           |     |               |     | 802           | 802 |
| 03/15-09/13   |                          |     |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 5                        | 5   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-11/30   | 30                       | 30  |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-11/30   | 22                       | 22  |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 12/01-03/31   | 16                       | 16  |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 731                      | 196 | 914   | 206                  | 1228  | 276               | 731   | 892           | 731 | 731           | 914  | 1774          | 410 | 410           |     |               |     | 731           | 731 |
| 04/07-10/14   |                          |     |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 05/01-11/30   | 3                        | 3   |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 12/01-03/31   | 17                       | 17  |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 17                       | 17  |       |                      |       |                   |       |               |     |               |      |               |     |               |     |               |     |               |     |

## PHILLIPS RESOURCE AREA PROPOSED AMPs CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME   | HUT<br># | ACRES  | EXCELLENT |       | GOOD |        | RANGE CONDITION |       | POOR  |       | UNSUITABLE |       | NO.<br>CLS | GRAZING<br>ANIMALS  |
|---------------|---------------------|----------|--------|-----------|-------|------|--------|-----------------|-------|-------|-------|------------|-------|------------|---|
|               |                     |          |        | BLM       | OTHER | BLM  | OTHER  | BLM             | OTHER | BLM   | OTHER | BLM        | OTHER |            |   |
| 5132          | Assiniboine East    | P        | 1006.6 | 325.7     |       |      |        |                 |       |       |       |            |       | 77         | CA<br>AS<br>AN<br>DM  |
| 5133          | Assiniboine Creek   | P        | 2713.5 | 1470.5    | 0     | 0    | 2063.9 | 757.1           | 626.2 | 709.6 | 0     | 0          | 23.4  | 3.8        | 1 CA<br>168 CA<br>2 AN<br>31 AN<br>7 DM<br>7 DM                   |
| 5134          | Assiniboine West    | P        | 275.7  | 0         | 0     | 0    | 275.7  | 0               | 0     | 0     | 0     | 0          | 0     | 0          | 5 CA<br>1 AN<br>3 AN<br>1 DM                                      |
| 5135          | South Fork Garland  | P        | 396.5  | 0         | 0     | 0    | 396.5  | 0               | 0     | 0     | 0     | 0          | 0     | 0          | 7 CA<br>1 AN<br>1 DM<br>1 DM                                      |
| 5136          | Upper Garland Creek | P        | 366.0  | 0         | 0     | 0    | 366.0  | 0               | 0     | 0     | 0     | 0          | 0     | 0          | 7 CA<br>1 AN<br>1 DM<br>2 DM                                      |
| 5144          | Dodson Creek        | P        | 4867.2 | 1689.7    | 0     | 0    | 4842.0 | 1689.7          | 2.8   | 0     | 0     | 0          | 22.4  | 0          | 13 CA<br>157 CA<br>510 CA<br>200 CA<br>250 CA<br>4 AN<br>12 DM    |
| 5150          | Upper Exeter Creek  | P        | 618.8  | 0         | 0     | 0    | 157.9  | 0               | 460.9 | 0     | 0     | 0          | 0     | 0          | 11 CA<br>1 AN<br>1 DM   |
| 5152          | Exeter Creek        | P        | 1316.4 | 317.8     | 0     | 0    | 1108.8 | 317.8           | 207.6 | 0     | 0     | 0          | 0     | 0          | 100 CA<br>1 AN<br>13 AN<br>3 DM<br>5 DM                           |
| 5153          | Wilson Coulee       | P        | 4124.4 | 1060.2    | 0     | 0    | 3348.7 | 902.4           | 771.1 | 157.8 | 0     | 0          | 4.6   | 0          | 15 CA<br>164 CA<br>200 CA<br>284 CA<br>3 AN<br>10 DM              |
| 5154          | Dry Fork            | P        | 2381.5 | 532.7     | 0     | 0    | 2227.7 | 370.7           | 83.8  | 156.7 | 0     | 0          | 70.0  | 5.3        | 4 CA<br>80 CA<br>36 CA<br>58 CA<br>2 AN<br>27 AN<br>6 DM<br>10 DM |
| 5155          | Spring Coulees      | P        | 2249.8 | 1562.7    | 0     | 0    | 1593.8 | 1464.1          | 597.8 | 76.0  | 0     | 0          | 58.2  | 22.6       | 5 CA<br>80 CA<br>180 CA<br>2 AN<br>26 AN<br>5 DM<br>7 DM          |
| 5301          | Dry Lake            | P        | 1208.4 | 0         | 0     | 0    | 1174.8 | 0               | 0     | 0     | 0     | 0          | 33.6  | 0          | 22 CA<br>1 AN<br>3 DM   |
| 5304          | West Hewitt Lake    | P        | 2752.5 | 2530.2    | 0     | 0    | 2310.0 | 1733.1          | 424.6 | 786.6 | 0     | 0          | 17.9  | 10.5       | 293 CA<br>150 CA<br>293 CA<br>168 CA<br>2 AN<br>6 DM              |
| 5305          | Lone Tree Sag       | P        | 264.9  | 685.1     | 0     | 0    | 139.4  | 15.2            | 119.5 | 669.1 | 0     | 0          | 6.0   | .8         | 5 CA<br>1 AN<br>2 DM  |
| 5306          | North Hewitt Lake   | P        | 324.6  | 0         | 0     | 0    | 320.1  | 0               | 0     | 0     | 0     | 0          | 4.5   | 0          | 6 CA<br>1 AN<br>1 DM  |
| 5307          | Big Bend            | P        | 2214.1 | 1136.5    | 0     | 0    | 2125.4 | 1079.9          | 49.8  | 40.0  | 0     | 0          | 38.9  | 16.6       | 217 CA<br>1 CA<br>2 AN<br>5 DM                                    |
| 5309          | South Hewitt Lake   | P        | 800.5  | 0         | 0     | 0    | 751.7  | 0               | 40.0  | 0     | 0     | 0          | 8.8   | 0          | 17 CA<br>1 AN<br>2 DM   |

| SEASON OF USE | CURRENT Acre | REC. STOCKING RATE/Acre | POTEN. FORAGE PRODUCTION | ALTERNATIVE A |       |     |       | ALTERNATIVE B             |     |     |       | ALTERNATIVE C          |     |     |     | ALTERNATIVE D         |     |     |                        | ALTERNATIVE E |     |                      |     | ALTERNATIVE F |           |     |     |  |
|---------------|--------------|-------------------------|--------------------------|---------------|-------|-----|-------|---------------------------|-----|-----|-------|------------------------|-----|-----|-----|-----------------------|-----|-----|------------------------|---------------|-----|----------------------|-----|---------------|-----------|-----|-----|--|
|               |              |                         |                          | BLK           | OTHER | BLK | OTHER | ENHAN. COMBINED VIG. USES | LT  | BLK | OTHER | CONT. OF PRESENT Mgmt. | LT  | ST  | LT  | ENHANCED LYST. FORAGE | ST  | LT  | ENHANCED WATERAWAYLIFE | ST            | LT  | NO LIVESTOCK GRAZING | ST  | LT            | NO ACTION | ST  | LT  |  |
| 06/30-10/11   | 200          | 63                      | 275                      | 89            | 570   | 119 | 200   | 200                       | 244 | 200 | 300   | 276                    | 276 | 496 | 200 | 229                   | 200 | 200 | 200                    | 200           | 200 | 200                  | 200 | 200           | 200       | 200 | 200 |  |
| 04/01-11/30   | 1            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 12/01-03/31   | 6            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/01-03/31   | 5            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 03/01-02/28   | 566          | 316                     | 647                      | 332           | 950   | 539 | 566   | 690                       | 566 | 566 | 647   | 1083                   | 434 | 452 |     |                       |     |     |                        |               |     |                      |     |               |           | 566 | 566 |  |
| 05/23-10/31   |              |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/01-11/30   | 2            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 12/01-03/31   | 16           |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/01-11/30   | 11           |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 12/01-03/31   | 6            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 03/01-02/28   | 61           |                         | 95                       | 0             | 126   | 0   | 61    | 74                        | 61  | 61  | 95    | 170                    | 41  | 102 |     |                       |     |     |                        |               |     |                      |     |               |           | 61  | 61  |  |
| 04/01-11/30   | 1            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 12/01-03/31   | 2            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/01-03/31   | 2            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 03/01-02/28   | 81           |                         | 111                      | 0             | 149   | 0   | 81    | 99                        | 81  | 81  | 111   | 206                    | 53  | 53  |     |                       |     |     |                        |               |     |                      |     |               |           | 81  | 81  |  |
| 04/01-03/31   | 2            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/01-11/30   | 2            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 12/01-03/31   | 1            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 03/01-02/28   | 87           |                         | 108                      | 0             | 145   | 0   | 87    | 106                       | 87  | 87  | 108   | 216                    | 59  | 59  |     |                       |     |     |                        |               |     |                      |     |               |           | 87  | 87  |  |
| 04/01-03/31   | 2            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/01-11/30   | 2            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 12/01-03/31   | 2            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 03/01-02/28   | 964          | 436                     | 1263                     | 513           | 1698  | 688 | 964   | 1176                      | 964 | 954 | 1263  | 2144                   | 928 | 940 |     |                       |     |     |                        |               |     |                      |     |               |           | 964 | 964 |  |
| 07/15-08/23   |              |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 07/14-07/31   |              |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 08/24-10/09   |              |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 09/19-11/10   |              |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/01-03/31   | 6            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/01-03/31   | 29           |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 03/01-02/28   | 134          |                         | 130                      | 0             | 228   | 0   | 134   | 160                       | 134 | 134 | 134   | 284                    | 87  | 105 |     |                       |     |     |                        |               |     |                      |     |               |           | 134 | 134 |  |
| 04/01-03/31   | 2            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/01-03/31   | 2            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 05/01-08/15   | 284          | 71                      | 334                      | 78            | 480   | 105 | 284   | 347                       | 284 | 284 | 334   | 691                    | 124 | 124 |     |                       |     |     |                        |               |     |                      |     |               |           | 284 | 284 |  |
| 04/01-11/30   | 1            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 12/01-03/31   | 7            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/01-11/30   | 5            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 12/01-03/31   | 4            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 03/01-02/28   | 892          | 202                     | 1098                     | 278           | 1315  | 396 | 892   | 1088                      | 892 | 892 | 1098  | 1943                   | 530 | 530 |     |                       |     |     |                        |               |     |                      |     |               |           | 892 | 892 |  |
| 08/16-08/15   |              |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 08/17-08/15   |              |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 09/13-09/12   |              |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 11/03-12/02   |              |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/01-03/31   | 5            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 12/01-03/31   | 24           |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 03/01-02/28   | 421          | 113                     | 587                      | 133           | 799   | 199 | 421   | 514                       | 421 | 421 | 587   | 889                    | 273 | 273 |     |                       |     |     |                        |               |     |                      |     |               |           | 421 | 421 |  |
| 04/01-04/30   |              |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/15-12/15   |              |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 10/01-11/30   |              |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/01-11/30   | 2            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 12/01-03/31   | 14           |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/01-11/30   | 10           |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 12/01-03/31   | 8            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 03/01-02/28   | 416          | 266                     | 528                      | 381           | 783   | 522 | 416   | 620                       | 416 | 416 | 528   | 898                    | 160 | 196 |     |                       |     |     |                        |               |     |                      |     |               |           | 416 | 416 |  |
| 04/15-04/30   |              |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 05/01-08/08   |              |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/01-11/30   | 2            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 12/01-03/31   | 14           |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/01-11/30   | 8            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 12/01-03/31   | 6            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 03/01-02/28   | 237          |                         | 351                      | 0             | 469   | 0   | 257   | 314                       | 237 | 257 | 351   | 444                    | 169 | 178 |     |                       |     |     |                        |               |     |                      |     |               |           | 237 | 237 |  |
| 04/01-03/31   | 2            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/01-03/31   | 7            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 05/01-06/30   | 643          | 860                     | 677                      | 601           | 952   | 882 | 643   | 784                       | 643 | 643 | 677   | 1102                   | 392 | 398 |     |                       |     |     |                        |               |     |                      |     |               |           | 643 | 643 |  |
| 07/01-08/15   |              |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 08/16-09/30   |              |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 10/01-11/30   |              |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/01-03/31   | 3            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/01-03/31   | 14           |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 03/01-02/28   | 55           |                         | 50                       | 112           | 79    | 221 | 55    | 85                        | 55  | 55  | 55    | 98                     | 35  | 55  |     |                       |     |     |                        |               |     |                      |     |               |           | 55  | 55  |  |
| 04/01-03/31   | 2            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/01-03/31   | 3            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 03/01-02/28   | 71           |                         | 80                       | 0             | 107   | 0   | 71    | 87                        | 71  | 71  | 80    | 98                     | 47  | 49  |     |                       |     |     |                        |               |     |                      |     |               |           | 71  | 71  |  |
| 04/01-03/31   | 2            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/01-03/31   | 12           |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 11/01-02/28   | 540          | 350                     | 542                      | 298           | 732   | 602 | 540   | 659                       | 540 | 540 | 542   | 819                    | 538 | 537 |     |                       |     |     |                        |               |     |                      |     |               |           | 540 | 540 |  |
| 02/01-03/31   | 3            |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 04/01-03/31   | 12           |                         |                          |               |       |     |       |                           |     |     |       |                        |     |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |
| 03/01-02/28   | 203          |                         | 202                      | 0             | 276   | 0   | 203   | 248                       | 203 | 203 | 203   | 354                    | 135 |     |     |                       |     |     |                        |               |     |                      |     |               |           |     |     |  |

## PHILLIPS RESOURCE AREA PROPOSED AMPS CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME    | MCT<br>SIS | ACRES  | EXCELLENT |       | GOOD  |        | RANGE CONDITION |        | POOR   |        | UNUSUITABLE |       | CRAZING<br>ANIMALS<br>NO. | CLS   |
|---------------|----------------------|------------|--------|-----------|-------|-------|--------|-----------------|--------|--------|--------|-------------|-------|---------------------------|-------|
|               |                      |            |        | BLK       | OTHER | BLK   | OTHER  | BLK             | OTHER  | BLK    | OTHER  | BLK         | OTHER |                           |       |
| 5310          | North Nelson         | P          | 198.5  | 0         | 0     | 0     | 0      | 436.4           | 0      | 772.0  | 0      | 0           | 0     | 48.5                      | 0     |
| 5312          | Saco Dump            | P          | 1256.9 | 0         | 0     | 0     | 0      | 436.4           | 0      | 772.0  | 0      | 0           | 0     | 48.5                      | 0     |
| 5315          | Saco                 | P          | 1814.4 | 5633.3    | 0     | 0     | 0      | 1524.7          | 4503.0 | 176.9  | 1000.2 | 0           | 0     | 112.8                     | 130.1 |
| 5316          | Saco Hills           | P          | 5478.6 | 2020.3    | 0     | 0     | 0      | 4036.6          | 827.5  | 1094.6 | 1151.1 | 0           | 0     | 347.4                     | 41.7  |
| 5319          | Upper Second Creek   | P          | 2502.3 | 389.8     | 0     | 0     | 0      | 2167.4          | 374.5  | 252.7  | 6.9    | 0           | 0     | 82.2                      | 8.4   |
| 5320          | Thomas Coulee        | P          | 2555.6 | 1958.0    | 0     | 0     | 0      | 2316.3          | 1162.0 | 0      | 0      | 0           | 0     | 239.3                     | 796.0 |
| 5322          | South Nelson Res.    | P          | 360    | 0         | 0     | 0     | 0      | 0               | 360.0  | 0      | 0      | 0           | 0     | 0                         | 1     |
| 5323          | Upper Delaney Coulee | P          | 319.8  | 182.9     | 0     | 0     | 0      | 319.8           | 182.9  | 0      | 0      | 0           | 0     | 0                         | 6     |
| 5324          | North Bowdoin        | P          | 1882.5 | 1274.6    | 0     | 0     | 0      | 827.7           | 151.5  | 1039.6 | 1119.4 | 0           | 0     | 15.2                      | 3.7   |
| 5325          | Horse Camp Coulee    | P          | 1278.3 | 684.9     | 0     | 0     | 0      | 1214.6          | 680.3  | 0      | 0      | 0           | 0     | 0                         | 21    |
| 5328          | Rocky Point          | P          | 1808.7 | 376.0     | 0     | 0     | 0      | 1007.8          | 0      | 799.7  | 376.0  | 0           | 0     | 1.2                       | 0     |
| 5331          | Gravel Coulee        | P          | 439.2  | 292.9     | 0     | 0     | 0      | 78.0            | 0      | 361.2  | 292.9  | 0           | 0     | 0                         | 7     |
| 5332          | Dodson Canal         | P          | 699.7  | 0         | 0     | 0     | 0      | 16.9            | 0      | 682.8  | 0      | 0           | 0     | 0                         | 3     |
| 5334          | Lower Alkali Coulee  | P          | 252    | 0         | 0     | 0     | 0      | 130.0           | 0      | 122.0  | 0      | 0           | 0     | 0                         | 1     |
| 5336          | South Bowdoin        | P          | 739.8  | 672.9     | 0     | 0     | 0      | 640.5           | 534.9  | 58.0   | 118.0  | 0           | 0     | 41.3                      | 20.0  |
| 5343          | Thiel Creek          | P          | 1968.1 | 0         | 0     | 0     | 0      | 1887.0          | 0      | 16.9   | 0      | 0           | 0     | 64.2                      | 0     |
| 5349          | Upper Moss Coulee    | P          | 3401.6 | 932.3     | 94.2  | 118.4 | 3037.7 | 762.6           | 0      | 0      | 0      | 0           | 0     | 269.7                     | 51.3  |
| 5351          | Reigal Coulee        | P          | 3392.6 | 5080.8    | 0     | 0     | 0      | 3172.1          | 4556.8 | 191.8  | 508.3  | 0           | 0     | 28.7                      | 15.7  |
| 5352          | Moss Coulee          | P          | 960.7  | 0         | 0     | 0     | 0      | 893.8           | 0      | 66.9   | 0      | 0           | 0     | 0                         | 56    |
| 5353          | Lower Moss Coulee    | P          | 2861.2 | 0         | 764.8 | 0     | 0      | 1910.8          | 0      | 180.4  | 0      | 0           | 0     | 5.2                       | 0     |

| SEASON      | CURRENT AUMs | BLK OTHER | REC. STOCKING RATE/AUMs |       | POTEN. FORAGE PRODUCTION |       | ALTERNATIVE A ENHAN. CONSERVED VEG. USES |      | ALTERNATIVE B ENHANCED PRESENT MGMT. |     | ALTERNATIVE C ENHANCED PRESENT MGMT. |      | ALTERNATIVE D ENHANCED WATERBWL/LIFE |     | ALTERNATIVE E NO LIVESTOCK GRAZING |    | ALTERNATIVE F NO ACTION |     |
|-------------|--------------|-----------|-------------------------|-------|--------------------------|-------|--|------|--------------------------------------|-----|--------------------------------------|------|--------------------------------------|-----|------------------------------------|----|-------------------------|-----|
|             |              |           | BLK                     | OTHER | BLK                      | OTHER | ST                                       | LT   | ST                                   | LT  | ST                                   | LT   | ST                                   | LT  | ST                                 | LT | ST                      | LT  |
| 03/01-02/28 | 34           | 2         | 37                      | 0     | 75                       | 0     | 34                                       | 41   | 34                                   | 34  | 37                                   | 85   | 22                                   | 22  | 34                                 | 34 | 34                      | 34  |
| 04/01-03/31 | 2            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 2            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 03/01-01/11 | 262          | 269       | 224                     | 0     | 387                      | 0     | 262                                      | 320  | 262                                  | 262 | 224                                  | 376  | 195                                  | 270 |                                    |    | 262                     | 262 |
| 04/01-09/26 |              |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 3            | 7         |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 2            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 05/01-10/31 | 388          | 1065      | 371                     | 1184  | 518                      | 1707  | 388                                      | 473  | 388                                  | 388 | 371                                  | 439  | 266                                  | 269 |                                    |    | 388                     | 388 |
| 04/01-10/31 | 1            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-11/30 | 3            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 12           |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 05/01-10/31 | 868          | 366       | 1002                    | 360   | 1444                     | 592   | 868                                      | 1059 | 868                                  | 868 | 1002                                 | 1242 | 581                                  | 654 |                                    |    | 868                     | 868 |
| 04/01-03/31 | 1            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-11/30 | 14           |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 12/01-03/31 | 10           |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 06/01-09/11 | 611          | 53        | 558                     | 91    | 780                      | 123   | 611                                      | 745  | 611                                  | 611 | 558                                  | 855  | 417                                  | 439 |                                    |    | 611                     | 611 |
| 03/01-02/28 | 6            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 17           |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 0            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 334          | 321       | 485                     | 238   | 646                      | 317   | 334                                      | 407  | 334                                  | 334 | 485                                  | 552  | 326                                  | 384 |                                    |    | 334                     | 334 |
| 03/01-02/28 | 92           |           | 68                      | 0     | 137                      | 0     | 92                                       | 112  | 92                                   | 92  | 68                                   | 167  | 67                                   | 67  |                                    |    | 92                      | 92  |
| 03/01-02/28 |              |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 2            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 0            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 03/01-02/28 | 74           | 83        | 0                       | 137   | 0                        | 74    | 90                                       | 74   | 74                                   | 83  | 145                                  | 50   | 50                                   |     |                                    | 74 | 74                      |     |
| 04/01-03/31 | 2            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 2            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 03/01-02/28 | 405          | 237       | 381                     | 216   | 624                      | 406   | 405                                      | 549  | 405                                  | 405 | 405                                  | 704  | 339                                  | 434 |                                    |    | 405                     | 405 |
| 03/16-09/30 |              |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 06/15-09/11 |              |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 3            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-11/30 | 8            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 12/01-03/31 | 2            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 03/01-02/28 | 244          |           | 303                     | 197   | 406                      | 263   | 244                                      | 298  | 244                                  | 244 | 303                                  | 436  | 160                                  | 192 |                                    |    | 244                     | 244 |
| 04/01-03/31 | 2            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 7            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 03/01-02/28 | 382          | 362       | 395                     | 63    | 631                      | 126   | 382                                      | 503  | 382                                  | 382 | 395                                  | 851  | 278                                  | 358 |                                    |    | 382                     | 382 |
| 03/01-09/13 |              |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 03/01-10/21 |              |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 3            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 10           |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 03/01-02/28 | 85           |           | 89                      | 34    | 162                      | 108   | 85                                       | 142  | 85                                   | 85  | 89                                   | 187  | 57                                   | 95  |                                    |    | 85                      | 85  |
| 04/01-03/31 | 2            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 5            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 03/01-02/28 | 112          |           | 150                     | 0     | 288                      | 0     | 112                                      | 265  | 112                                  | 112 | 130                                  | 342  | 62                                   | 163 |                                    |    | 112                     | 112 |
| 06/15-07/14 |              |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 2            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 5            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 03/01-02/28 | 46           |           | 59                      | 0     | 94                       | 0     | 46                                       | 65   | 46                                   | 46  | 59                                   | 120  | 30                                   | 43  |                                    |    | 46                      | 46  |
| 04/01-03/31 | 2            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 2            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 03/01-02/28 | 136          | 88        | 151                     | 139   | 208                      | 199   | 136                                      | 166  | 136                                  | 136 | 151                                  | 228  | 69                                   | 79  |                                    |    | 136                     | 136 |
| 05/01-08/02 |              |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 2            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 5            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 03/01-02/28 | 422          |           | 475                     | 0     | 641                      | 0     | 422                                      | 515  | 422                                  | 422 | 475                                  | 736  | 278                                  | 288 |                                    |    | 422                     | 422 |
| 04/01-03/31 | 3            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 10           |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 08/01-09/30 | 629          | 183       | 699                     | 206   | 930                      | 267   | 629                                      | 767  | 629                                  | 629 | 699                                  | 942  | 629                                  | 720 |                                    |    | 629                     | 629 |
| 03/01-02/28 |              |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 6            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 19           |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-05/06 | 820          | 1343      | 841                     | 1239  | 1155                     | 1714  | 820                                      | 1000 | 820                                  | 820 | 841                                  | 1370 | 303                                  | 303 |                                    |    | 820                     | 820 |
| 05/01-11/06 |              |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 11/07-12/06 |              |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 6            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 19           |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 06/03-10/01 | 218          |           | 243                     | 0     | 355                      | 0     | 218                                      | 266  | 218                                  | 218 | 243                                  | 398  | 173                                  | 173 |                                    |    | 218                     | 218 |
| 04/01-03/31 | 2            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 5            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 03/01-02/28 | 454          |           | 742                     | 113   | 894                      | 172   | 454                                      | 553  | 454                                  | 454 | 742                                  | 814  | 384                                  | 394 |                                    |    | 454                     | 454 |
| 07/01-09/30 |              |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 6            |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |
| 04/01-03/31 | 17           |           |                         |       |                          |       |  |      |                                      |     |                                      |      |                                      |     |                                    |    |                         |     |

## PHILLIPS RESOURCE AREA PROPOSED ANPS CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME      | MGT<br>NO. | ACRES  | EXCELLENT |       | GOOD |       | RANGE CONDITION |        | POOR   |       | UNSUITABLE |       | GRAZING<br>ANIMALS<br>NO. | CLS  |
|---------------|------------------------|------------|--------|-----------|-------|------|-------|-----------------|--------|--------|-------|------------|-------|---------------------------|------|
|               |                        |            |        | STB       | BLM   | BLM  | OTHER | BLM             | OTHER  | BLM    | OTHER | BLM        | OTHER |                           |      |
| 5354          | Gaston Coulee          | P          | 4681.9 |           | 826.7 | 0    | 0     | 4646.1          | 711.0  | 0      | 106.0 | 0          | 0     | 35.8                      | 19.7 |
| 5355          | S. Alkali Lake Coulee  | P          | 973.3  | 0         | 0     | 0    | 0     | 973.3           | 0      | 0      | 0     | 0          | 0     | 0                         | 0    |
| 5356          | Lenoir Coulee          | P          | 319.6  | 0         | 0     | 0    | 0     | 319.6           | 0      | 0      | 0     | 0          | 0     | 0                         | 0    |
| 5357          | Rock Corral            | P          | 1528.3 | 0         | 0     | 0    | 0     | 903.9           | 0      | 575.7  | 0     | 40.9       | 0     | 7.8                       | 0    |
| 5359          | Upper Tetsrault Coulee | P          | 639.6  | 435.8     | 0     | 0    | 0     | 598.7           | 435.8  | 40.9   | 0     | 0          | 0     | 0                         | 0    |
| 5361          | Gonzales Coulee        | P          | 655.6  | 114.9     | 0     | 0    | 0     | 655.6           | 114.9  | 0      | 0     | 0          | 0     | 0                         | 0    |
| 5362          | Upper Gonzales Coulee  | P          | 170.8  | 0         | 0     | 0    | 0     | 69.0            | 0      | 101.8  | 0     | 0          | 0     | 0                         | 0    |
| 5369          | South Alkali           | P          | 2919.9 | 1176.2    | 0     | 0    | 0     | 2449.8          | 1075.6 | 444.3  | 97.9  | 0          | 0     | 25.8                      | 2.7  |
| 5371          | East Bench             | P          | 319.3  | 0         | 0     | 0    | 0     | 319.3           | 0      | 0      | 0     | 0          | 0     | 0                         | 0    |
| 5373          | Lower Halfway Coulee   | P          | 639.5  | 40.0      | 0     | 0    | 0     | 129.0           | 0      | 510.5  | 40.0  | 0          | 0     | 0                         | 0    |
| 5376          | Nice Pond              | P          | 756.4  | 0         | 0     | 0    | 0     | 114.8           | 0      | 641.6  | 0     | 0          | 0     | 0                         | 0    |
| 5377          | Northeast              | P          | 166.9  | 0         | 0     | 0    | 0     | 0               | 166.9  | 0      | 0     | 0          | 0     | 0                         | 0    |
| 5378          | Upper Wind Coulee      | P          | 530.9  | 0         | 0     | 0    | 0     | 0               | 530.9  | 0      | 0     | 0          | 0     | 0                         | 0    |
| 5379          | Wind Coulee            | P          | 879.8  | 0         | 0     | 0    | 0     | 222.0           | 0      | 657.8  | 0     | 0          | 0     | 0                         | 0    |
| 5385          | South Wild Horse       | P          | 1263.6 | 1178.2    | 0     | 0    | 0     | 505.6           | 244.0  | 730.7  | 921.5 | 0          | 0     | 27.3                      | 12.7 |
| 5386          | Tressler Coulee        | P          | 4522.9 | 0         | 0     | 0    | 0     | 2711.8          | 0      | 1636.6 | 0     | 0          | 0     | 174.5                     | 0    |
| 5389          | Upper Alknld Coulee    | P          | 959.8  | 160.0     | 0     | 0    | 0     | 0               | 959.8  | 160.0  | 0     | 0          | 0     | 0                         | 0    |
| 5391          | N. Overflow Coulee     | P          | 639.8  | 0         | 0     | 0    | 0     | 0               | 639.8  | 0      | 0     | 0          | 0     | 0                         | 0    |
| 5392          | Ant Reservoir          | P          | 397.8  | 54.9      | 0     | 0    | 0     | 397.8           | 54.9   | 0      | 0     | 0          | 0     | 0                         | 0    |
| 5393          | Smith Lake Coulee      | P          | 639.9  | 0         | 0     | 0    | 0     | 387.0           | 0      | 252.9  | 0     | 0          | 0     | 0                         | 0    |
| 5394          | Satin Reservoir        | P          | 320.0  | 0         | 0     | 0    | 0     | 216.0           | 0      | 104.0  | 0     | 0          | 0     | 0                         | 0    |
| 5398          | N. DHS Coulee          | P          | 568.7  | 319.8     | 0     | 0    | 0     | 30.0            | 0      | 419.8  | 228.9 | 118.9      | 90.9  | 0                         | 0    |
| 5399          | S. Fork Cottonwood     | P          | 820.2  | 355.1     | 0     | 0    | 0     | 0               | 819.6  | 354.2  | 0     | 0          | .6    | 1.6                       | 0    |

| SEASON OF USE | CURRENT AUMs | REC. STOCKING RATE/AUMs |       | TOTL FORAGE PRODUCTION |       | ALTERNATIVE A: ENHANCED CONVENTIONAL VEG. USE |     | ALTERNATIVE B: ENHANCED CONVENTIONAL PRESRV. NMLT. |     | ALTERNATIVE C: ENHANCED CONVENTIONAL LIVST. FORAGE |      | ALTERNATIVE D: ENHANCED CONVENTIONAL HABITAT/LDLIFE |     | ALTERNATIVE E: NO LIVESTOCK GRAZING |     | ALTERNATIVE F: NO ACTION |     |     |
|---------------|--------------|-------------------------|-------|------------------------|-------|---|-----|--|-----|--|------|---|-----|-------------------------------------|-----|--------------------------|-----|-----|
|               |              | BLM                     | OTHER | BLM                    | OTHER | ST  | LT  | ST   | LT  | ST   | LT   | ST  | LT  | ST                                  | LT  | ST                       | LT  |     |
| 03/01-02/28   | 766          | 71                      | 1091  | 193                    | 1488  | 263   | 766 | 867  | 766 | 766  | 1091 | 1323  | 576 | 576                                 | 766 | 766                      | 766 | 766 |
| 04/01-03/31   | 8            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 07/01-08/14   |              |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 9            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 26           |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 05/01-05/15   | 141          |                         | 273   |                        | 362   |   | 141 | 172  | 141 | 141  | 273  | 303   | 121 | 121                                 |     |                          | 141 | 141 |
| 04/01-03/31   | 2            |                         | 2     |                        | 5     |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 5            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 03/01-02/28   | 63           |                         | 89    |                        | 119   |   | 63  | 77   | 63  | 63   | 89   | 162   | 38  | 38                                  |     |                          | 63  | 63  |
| 04/01-03/31   | 2            |                         | 2     |                        | 2     |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 2            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 03/01-02/28   | 274          |                         | 337   |                        | 531   |   | 274 | 334  | 274 | 274  | 337  | 529   | 205 | 205                                 |     |                          | 274 | 274 |
| 04/01-03/31   | 3            |                         | 3     |                        | 7     |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 7            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 03/01-02/28   | 139          | 102                     | 171   | 110                    | 234   | 149   | 139 | 170  | 139 | 139  | 171  | 308   | 71  | 71                                  |     |                          | 139 | 139 |
| 05/01-08/30   |              |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 2            |                         | 2     |                        | 5     |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 5            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 03/01-02/28   | 47           |                         | 39    |                        | 65    |   | 47  | 57   | 47  | 47   | 39   | 83  | 31  | 41                                  |     |                          | 47  | 47  |
| 04/01-03/31   | 2            |                         | 2     |                        | 2     |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 2            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 05/01-09/05   | 517          | 257                     | 750   | 302                    | 1057  | 417   | 517 | 631  | 517 | 517  | 750  | 1385  | 99  | 99                                  |     |                          | 517 | 517 |
| 03/01-02/28   |              |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 6            |                         | 6     |                        | 7     |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 7            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 05/01-01/15   | 68           |                         | 86    |                        | 116   |   | 68  | 83   | 68  | 68   | 86   | 150   | 43  | 44                                  |     |                          | 68  | 68  |
| 04/01-03/31   | 2            |                         | 2     |                        | 2     |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 2            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 06/01-09/24   | 114          | 6                       | 120   | 6                      | 214   | 13  | 114 | 140  | 114 | 114  | 120  | 263   | 90  | 144                                 |     |                          | 114 | 114 |
| 04/01-03/31   | 2            |                         | 5     |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 5            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 03/01-02/28   | 160          |                         | 215   |                        | 363   |   | 160 | 195  | 160 | 160  | 215  | 396   | 111 | 165                                 |     |                          | 160 | 160 |
| 04/01-03/31   | 2            |                         | 2     |                        | 5     |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 5            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 05/01-07/30   | 27           |                         | 33    |                        | 65    |   | 27  | 33   | 27  | 27   | 33   | 81  | 26  | 51                                  |     |                          | 27  | 27  |
| 04/01-03/31   | 2            |                         | 2     |                        | 2     |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 2            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 03/01-02/28   | 105          |                         | 101   |                        | 202   |   | 105 | 231  | 105 | 105  | 101  | 258   | 69  | 152                                 |     |                          | 105 | 105 |
| 04/01-03/31   | 2            |                         | 2     |                        | 2     |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 2            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 03/01-02/28   | 198          |                         | 187   |                        | 330   |   | 198 | 242  | 198 | 198  | 198  | 441   | 130 | 216                                 |     |                          | 198 | 198 |
| 04/01-03/31   | 2            |                         | 2     |                        | 5     |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 5            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/15-09/15   | 176          | 181                     | 188   | 178                    | 325   | 331   | 176 | 282  | 176 | 176  | 188  | 342   | 106 | 176                                 |     |                          | 176 | 176 |
| 03/01-02/28   |              |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 2            |                         | 2     |                        | 7     |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 7            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 03/01-02/28   | 668          |                         | 834   |                        | 1288  |   | 668 | 815  | 668 | 668  | 834  | 1497  | 558 | 678                                 |     |                          | 668 | 668 |
| 04/01-03/31   | 8            |                         | 8     |                        | 24    |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 24           |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 06/05-08/14   | 220          | 37                      | 154   | 25                     | 307   | 50  | 220 | 268  | 220 | 220  | 154  | 373   | 138 | 254                                 |     |                          | 220 | 220 |
| 04/01-03/31   | 2            |                         | 2     |                        | 5     |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 5            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 03/01-02/28   | 137          |                         | 108   |                        | 217   |   | 137 | 168  | 137 | 137  | 108  | 266   | 89  | 172                                 |     |                          | 137 | 137 |
| 04/01-03/31   | 2            |                         | 2     |                        | 5     |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 5            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 03/01-02/28   | 139          |                         | 113   | 16                     | 151   | 21  | 139 | 170  | 139 | 139  | 113  | 174   | 91  | 91                                  |     |                          | 139 | 139 |
| 04/01-03/31   | 2            |                         | 2     |                        | 2     |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 2            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 03/01-02/28   | 116          |                         | 185   |                        | 378   |   | 116 | 142  | 116 | 116  | 185  | 350   | 76  | 121                                 |     |                          | 116 | 116 |
| 04/01-03/31   | 2            |                         | 2     |                        | 5     |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 5            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 03/01-02/28   | 38           |                         | 84    |                        | 126   |   | 38  | 46   | 38  | 38   | 84   | 169   | 26  | 31                                  |     |                          | 38  | 38  |
| 04/01-03/31   | 2            |                         | 2     |                        | 2     |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 2            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 03/01-02/28   | 43           |                         | 83    | 44                     | 179   | 101   | 43  | 71   | 43  | 43   | 83   | 117   | 27  | 45                                  |     |                          | 43  | 43  |
| 04/01-03/31   | 2            |                         | 2     |                        | 2     |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 2            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 03/01-02/28   | 247          |                         | 130   | 58                     | 259   | 117   | 247 | 342  | 247 | 247  | 130  | 249   | 163 | 226                                 |     |                          | 247 | 247 |
| 04/01-03/31   | 3            |                         | 3     |                        | 7     |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |
| 04/01-03/31   | 7            |                         |       |                        |       |   |     |  |     |  |      |   |     |                                     |     |                          |     |     |

## PHILLIPS RESOURCE AREA PROPOSED AMPS CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME      | MCI<br>SIS | ACRES  | RANGE CONDITION |      |        |        | GRAZING<br>ANIMALS |        |        |       |
|---------------|------------------------|------------|--------|-----------------|------|--------|--------|--------------------|--------|--------|-------|
|               |                        |            |        | EXCELLENT       | GOOD | PARK   | POOR   | UNUSABLE           | OTHER  | BLK    | AN    |
| 5400          | N. Fork Cottonwood     | P          | 983.2  | 783.4           | 0    | 0      | 0      | 0                  | 0      | 13     | CA    |
|               |                        |            |        | BLK             | 0    | 0      | BLK    | 0                  | 0      | 1      | AN    |
|               |                        |            |        | OTHER           | 0    | 983.2  | OTHER  | 0                  | 0      | 2      | DM    |
| 5401          | Seven Mile Coulee      | P          | 633.3  | 113.3           | 0    | 0      | 0      | 611.6              | 112.9  | 0      | 0     |
|               |                        |            |        | BLK             | 0    | 0      | BLK    | 0                  | 0      | 21.7   | .4    |
|               |                        |            |        | OTHER           | 0    | 983.2  | OTHER  | 0                  | 0      | 11     | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 1      | AN    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 2      | DM    |
| 5402          | Lower Seven Mile       | P          | 2258.6 | 0               | 0    | 0      | 2152.1 | 0                  | 103.3  | 0      | 0     |
|               |                        |            |        | BLK             | 0    | 0      | BLK    | 0                  | 0      | 3.2    | 0     |
|               |                        |            |        | OTHER           | 0    | 2152.1 | OTHER  | 0                  | 0      | 118    | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 3      | AN    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 5      | DM    |
| 5404          | Cottonwood Coulee      | P          | 410.6  | 0               | 0    | 0      | 344.6  | 0                  | 66.0   | 0      | 0     |
|               |                        |            |        | BLK             | 0    | 0      | BLK    | 0                  | 0      | 0      | 0     |
|               |                        |            |        | OTHER           | 0    | 344.6  | OTHER  | 0                  | 0      | 7      | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 1      | AN    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 1      | DM    |
| 5405          | Lower Cottonwood       | P          | 7122.3 | 2126.8          | 36   | 134.5  | 6784.6 | 1929.9             | 184.0  | 16.7   | 0     |
|               |                        |            |        | BLK             | 0    | 134.5  | BLK    | 0                  | 0      | 117.7  | 45.7  |
|               |                        |            |        | OTHER           | 0    | 6784.6 | OTHER  | 0                  | 0      | 16     | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 300    | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 360    | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 400    | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 6      | AN    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 12     | DM    |
| 5409          | Lower DHS Coulee       | P          | 573.6  | 8.0             | 0    | 0      | 29.6   | 0                  | 544.0  | 8.0    | 0     |
|               |                        |            |        | BLK             | 0    | 0      | BLK    | 0                  | 0      | 0      | 0     |
|               |                        |            |        | OTHER           | 0    | 29.6   | OTHER  | 0                  | 0      | 9      | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 1      | AN    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 1      | DM    |
| 5410          | DHS Creek              | P          | 716.9  | 0               | 0    | 0      | 0      | 0                  | 716.9  | 0      | 0     |
|               |                        |            |        | BLK             | 0    | 0      | BLK    | 0                  | 0      | 0      | 0     |
|               |                        |            |        | OTHER           | 0    | 0      | OTHER  | 0                  | 0      | 11     | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 1      | AN    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 2      | DM    |
| 5411          | Beaver Creek           | P          | 5031.0 | 1721.3          | 0    | 0      | 3443.0 | 985.9              | 1353.8 | 610.8  | 0     |
|               |                        |            |        | BLK             | 0    | 0      | BLK    | 0                  | 0      | 234.2  | 124.6 |
|               |                        |            |        | OTHER           | 0    | 3443.0 | OTHER  | 0                  | 0      | 8      | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 219    | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 6      | AN    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 12     | DM    |
| 5413          | Armstrong Coulee       | P          | 2906.9 | 3756.9          | 0    | 0      | 2906.9 | 3756.9             | 0      | 0      | 0     |
|               |                        |            |        | BLK             | 0    | 0      | BLK    | 0                  | 0      | 0      | 0     |
|               |                        |            |        | OTHER           | 0    | 2906.9 | OTHER  | 0                  | 0      | 9      | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 200    | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 4      | AN    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 7      | DM    |
| 5414          | Smith Coulee           | P          | 2499.2 | 268.9           | 0    | 0      | 2271.0 | 268.9              | 74.9   | 0      | 0     |
|               |                        |            |        | BLK             | 0    | 0      | BLK    | 0                  | 0      | 153.0  | 0     |
|               |                        |            |        | OTHER           | 0    | 2271.0 | OTHER  | 0                  | 0      | 10     | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 40     | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 3      | AN    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 6      | DM    |
| 5419          | N. Cabbage Coulee      | P          | 692.6  | 399.9           | 0    | 0      | 687.7  | 383.9              | 0      | 0      | 0     |
|               |                        |            |        | BLK             | 0    | 0      | BLK    | 0                  | 0      | 16.0   | 4.9   |
|               |                        |            |        | OTHER           | 0    | 687.7  | OTHER  | 0                  | 0      | 0      | 0     |
|               |                        |            |        |                 |      |        |        |                    | 0      | 2      | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 57     | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 1      | AN    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 2      | DM    |
| 5420          | Big Warm Springs Creek | P          | 1128.7 | 395.8           | 0    | 0      | 840.2  | 218.8              | 234.0  | 174.9  | 0     |
|               |                        |            |        | BLK             | 0    | 0      | BLK    | 0                  | 0      | 54.5   | 2.1   |
|               |                        |            |        | OTHER           | 0    | 840.2  | OTHER  | 0                  | 0      | 5      | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 114    | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 1      | AN    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 3      | DM    |
| 5423          | S. Spring Coulees      | P          | 521.9  | 0               | 0    | 0      | 139.0  | 0                  | 382.9  | 0      | 0     |
|               |                        |            |        | BLK             | 0    | 0      | BLK    | 0                  | 0      | 0      | 0     |
|               |                        |            |        | OTHER           | 0    | 139.0  | OTHER  | 0                  | 0      | 8      | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 1      | AN    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 1      | DM    |
| 5426          | Alkali Coulee          | P          | 4520.4 | 1160.1          | 0    | 0      | 4231.4 | 1160.1             | 283.6  | 0      | 0     |
|               |                        |            |        | BLK             | 0    | 0      | BLK    | 0                  | 0      | 5.4    | 0     |
|               |                        |            |        | OTHER           | 0    | 4231.4 | OTHER  | 0                  | 0      | 9      | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 122    | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 140    | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 59     | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 6      | AN    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 11     | DM    |
| 5430          | Tallow Creek           | P          | 1151.5 | 0               | 0    | 0      | 244.8  | 0                  | 906.7  | 0      | 0     |
|               |                        |            |        | BLK             | 0    | 0      | BLK    | 0                  | 0      | 0      | 0     |
|               |                        |            |        | OTHER           | 0    | 244.8  | OTHER  | 0                  | 0      | 17     | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 1      | AN    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 3      | DM    |
| 5436          | Lone Horse Coulee      | P          | 6919.3 | 1113.6          | 0    | 0      | 4264.2 | 677.6              | 1346.2 | 228.9  | 0     |
|               |                        |            |        | BLK             | 0    | 0      | BLK    | 0                  | 0      | 1308.9 | 207.1 |
|               |                        |            |        | OTHER           | 0    | 4264.2 | OTHER  | 0                  | 0      | 27     | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 100    | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 130    | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 50     | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 130    | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 30     | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 9      | AN    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 18     | DM    |
| 5442          | Mickey Reservoir       | P          | 2995.6 | 0               | 0    | 0      | 2888.2 | 0                  | 67.8   | 0      | 0     |
|               |                        |            |        | BLK             | 0    | 0      | BLK    | 0                  | 0      | 39.6   | 0     |
|               |                        |            |        | OTHER           | 0    | 2888.2 | OTHER  | 0                  | 0      | 43     | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 18     | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 10     | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 60     | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 22     | CA    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 4      | AN    |
|               |                        |            |        |                 |      |        |        |                    | 0      | 7      | DM    |

| SEASON<br>OF USE | CURRENT<br>ALTNs | REC. STOCKING<br>RATE/ACRE |       |     |       | POTEN. FORAGE<br>PRODUCTION |       | ALTERNATIVE A<br>ENHAN. COMBINED<br>VEG. USES |      | ALTERNATIVE B<br>CONT. OF<br>PRESENT MGT. |      | ALTERNATIVE C<br>ENHANCED<br>LIVST. FORAGE |     | ALTERNATIVE D<br>ENHANCED<br>WATER/WILDLIFE |     | ALTERNATIVE E<br>NO LIVESTOCK<br>GRAZING |      | ALTERNATIVE F<br>NO ACTION |     |
|------------------|------------------|----------------------------|-------|-----|-------|-----------------------------|-------|---|------|---|------|--|-----|---|-----|--|------|----------------------------|-----|
|                  |                  | BLM                        | OTHER | BLM | OTHER | BLM                         | OTHER | ST  | LT   | ST  | LT   | ST   | LT  | ST  | LT  | ST                                       | LT   | ST                         | LT  |
| 03/01-02/28      | 155              |                            |       | 243 | 187   | 328                         | 252   | 155   | 189  | 155                                       | 155  | 243  | 385 | 103   | 103 |  |      |                            |     |
| 04/01-02/28      | 2                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 5                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 03/01-02/28      | 128              |                            |       | 101 | 17    | 202                         | 53    | 128   | 208  | 128                                       | 128  | 128  | 225 | 84  | 139 |  |      | 128                        | 128 |
| 04/01-03/31      | 5                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 5                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      | 352                        | 352 |
| 03/01-02/28      | 76               |                            |       | 94  |       | 134                         |       | 76  | 93   | 76  | 76   | 94   | 185 | 55  | 55  |  |      | 76                         | 76  |
| 04/01-03/31      | 2                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 2                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 03/01-02/28      | 1156             | 422                        | 1731  | 558 | 2323  | 734                         | 1156  | 1542  | 1156 | 1156                                      | 1731 | 2646                                       | 646 | 858   |     |  | 1156 | 1156                       |     |
| 05/01-05/30      |                  |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 06/01-07/31      |                  |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 11/01-12/07      |                  |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 9                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 29               |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 03/01-02/28      | 108              |                            |       | 100 | 1     | 193                         | 3     | 108   | 177  | 108                                       | 108  | 100  | 198 | 63  | 112 |  |      | 108                        | 108 |
| 04/01-03/31      | 2                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 2                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 03/01-02/28      | 135              | 57                         | 113   |     | 226   |                             | 135   | 269   | 135  | 135                                       | 113  | 281  | 26  | 114   |     |  | 135  | 135                        |     |
| 04/01-03/31      | 2                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 5                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 03/01-02/28      | 647              | 552                        | 967   | 317 | 1435  | 489                         | 647   | 792   | 647  | 647                                       | 967  | 1668                                       | 140 | 179   |     |  | 647  | 647                        |     |
| 06/01-10/31      |                  |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 9                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 29               |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 03/01-02/28      | 485              | 134                        | 679   | 876 | 918   | 1184                        | 485   | 544   | 485  | 485                                       | 679  | 1190                                       | 231 | 231   |     |  | 485  | 485                        |     |
| 03/01-02/28      |                  |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 6                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 17               |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 03/01-02/28      | 286              | 49                         | 531   | 67  | 721   | 85                          | 286   | 349   | 286  | 286                                       | 531  | 866  | 190 | 246   |     |  | 286  | 286                        |     |
| 05/01-19/07      |                  |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 5                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 14               |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 03/01-02/28      | 107              | 69                         | 150   | 9   | 202   | 123                         | 107   | 131   | 107  | 107                                       | 150  | 288  | 102 | 102   |     |  | 107  | 107                        |     |
| 07/01-07/20      |                  |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 2                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 5                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 03/01-02/28      | 179              | 111                        | 237   | 83  | 349   | 131                         | 179   | 218   | 179  | 179                                       | 237  | 459  | 167 | 203   |     |  | 179  | 179                        |     |
| 07/22/02-12/01   |                  |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 2                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 7                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 03/01-02/28      | 90               |                            | 102   |     | 175   |                             | 90    | 134   | 90   | 90  | 102  | 204  | 70  | 99  |     |  | 90   | 90                         |     |
| 04/01-03/31      | 2                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 2                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 03/01-02/28      | 872              | 212                        | 1063  | 278 | 1464  | 375                         | 872   | 1064  | 872  | 872                                       | 1063 | 2134                                       | 681 | 681   |     |  | 872  | 872                        |     |
| 06/09-07/31      |                  |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 08/01-10/15      |                  |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 05/01-11/30      |                  |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 9                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 26               |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 03/01-02/28      | 199              |                            | 202   |     | 364   |                             | 199   | 312   | 199  | 199                                       | 202  | 357  | 131 | 206   |     |  | 199  | 199                        |     |
| 04/01-03/31      | 2                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 7                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 03/01-02/28      | 765              | 88                         | 1058  | 174 | 1548  | 256                         | 765   | 1007  | 765  | 765                                       | 1058 | 1326                                       | 434 | 594   |     |  | 765  | 765                        |     |
| 05/01-05/31      |                  |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 06/01-06/30      |                  |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 07/01-08/01      |                  |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 08/01-09/30      |                  |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 10/01-11/30      |                  |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 14               |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 38               |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 05/01-10/31      | 602              |                            | 713   |     | 967   |                             | 602   | 734   | 602  | 602                                       | 713  | 1364                                       | 392 | 397   |     |  | 602  | 602                        |     |
| 07/15-10/15      |                  |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 05/01-05/31      |                  |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 06/01-08/01      |                  |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 05/01-11/30      |                  |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 6                |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |
| 04/01-03/31      | 17               |                            |       |     |       |                             |       |   |      |   |      |  |     |   |     |  |      |                            |     |

## PHILLIPS RESOURCE AREA PROPOSED ANDS CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME | NAT.<br>STS | ACRES  | EXCELLENT |       | GOOD |        | RANGE CONDITION |        | POOR  |       | UNSUITABLE |       | GRAZING<br>ANIMALS<br>NO. & CLS. |           |
|---------------|-------------------|-------------|--------|-----------|-------|------|--------|-----------------|--------|-------|-------|------------|-------|----------------------------------|-----------|
|               |                   |             |        | BLM       | OTHER | BLM  | OTHER  | BLM             | OTHER  | BLM   | OTHER | BLM        | OTHER |                                  |           |
| 5446          | Scott Coulee      | P           | 2617.8 | 1868.1    | 0     | 0    | 2617.8 | 1868.1          | 0      | 0     | 0     | 0          | 0     | 158<br>CA                        |           |
|               |                   |             |        |           |       |      |        |                 |        |       |       |            |       | 20<br>CA                         |           |
|               |                   |             |        |           |       |      |        |                 |        |       |       |            |       | 195<br>CA                        |           |
|               |                   |             |        |           |       |      |        |                 |        |       |       |            |       | 3<br>AN                          |           |
|               |                   |             |        |           |       |      |        |                 |        |       |       |            |       | 6<br>DN                          |           |
| 5446          | Parrot Coulee     | P           | 2737.2 | 168.6     | 0     | 0    | 2041.4 | 103.8           | 601.2  | 57.7  | 44.6  | 0          | 30.0  | 7.1                              | 7<br>CA   |
|               |                   |             |        |           |       |      |        |                 |        |       |       |            |       | 108<br>CA                        |           |
|               |                   |             |        |           |       |      |        |                 |        |       |       |            |       | 3<br>AN                          |           |
|               |                   |             |        |           |       |      |        |                 |        |       |       |            |       | 6<br>DN                          |           |
| 5460          | Horse Pasture     | P           | 4712.7 | 1944.3    | 0     | 0    | 4100.3 | 1912.2          | 107.8  | 2.9   | 0     | 0          | 504.6 | 29.2                             | 120<br>CA |
|               |                   |             |        |           |       |      |        |                 |        |       |       |            |       | 47<br>CA                         |           |
|               |                   |             |        |           |       |      |        |                 |        |       |       |            |       | 6<br>AN                          |           |
|               |                   |             |        |           |       |      |        |                 |        |       |       |            |       | 11<br>DN                         |           |
| 5461          | South Armstrong   | P           | 675.8  | 956.5     | 0     | 0    | 600.8  | 913.5           | 75.0   | 43.0  | 0     | 0          | 0     | 0                                | 55<br>CA  |
|               |                   |             |        |           |       |      |        |                 |        |       |       |            |       | 1<br>AN                          |           |
|               |                   |             |        |           |       |      |        |                 |        |       |       |            |       | 2<br>DN                          |           |
| 5600          | Parrot Lake       | P           | 3770.4 | 0         | 0     | 0    | 1969.2 | 0               | 1711.7 | 0     | 0     | 0          | 89.5  | 0                                | 60<br>CA  |
|               |                   |             |        |           |       |      |        |                 |        |       |       |            |       | 5<br>AN                          |           |
|               |                   |             |        |           |       |      |        |                 |        |       |       |            |       | 9<br>DN                          |           |
| SUB TOTAL     |                   |             | 322130 | 130581    | 895.0 | 253  | 259165 | 102759          | 52729  | 24090 | 639   | 124        | 8702  | 3355                             |           |

| SEASON<br>OF USE | CURRENT<br>AUMs | REC. STOCKING<br>RATE/AUMs |       | POVEN. FORAGE<br>PRODUCTION |        | ALTERNATIVE A<br>ENHAN. COMBINED<br>VEG. USES |       | ALTERNATIVE B<br>CONT. OF<br>PRESENT MGMT. |       | ALTERNATIVE C<br>ENHANCED<br>LIVST. FORAGE |       | ALTERNATIVE D<br>ENHANCED<br>WATER&WILDLIFE |       | ALTERNATIVE E<br>NO LIVESTOCK<br>GRAZING |    | ALTERNATIVE F<br>NO ACTION |       |       |
|------------------|-----------------|----------------------------|-------|-----------------------------|--------|---|-------|--|-------|--|-------|---|-------|--|----|----------------------------|-------|-------|
|                  |                 | BLM                        | OTHER | BLM                         | OTHER  | BLM   | OTHER | BLM  | LT    | BY   | LT    | BLM   | LT    | BY                                       | LT | BLM                        | LT    |       |
| 05/01-09/15      | 533             | 399                        | 625   | 450                         | 844    | 607   | 533   | 650  | 533   | 533  | 625   | 597   | 364   | 364                                      | 87 | 87                         | 533   | 533   |
| 05/01-06/20      |                 |                            |       |                             |        |   |       |  |       |  |       |   |       |  |    |                            |       |       |
| 09/01-10/15      |                 |                            |       |                             |        |   |       |  |       |  |       |   |       |  |    |                            |       |       |
| 10/01-12/31      |                 |                            |       |                             |        |   |       |  |       |  |       |   |       |  |    |                            |       |       |
| 04/01-03/31      |                 | 5                          |       |                             |        |   |       |  |       |  |       |   |       |  |    |                            |       |       |
| 04/01-03/31      |                 | 14                         |       |                             |        |   |       |  |       |  |       |   |       |  |    |                            |       |       |
| 03/01-02/27      | 478             | 40                         | 588   | 33                          | 866    | 50  | 478   | 583  | 478   | 478  | 588   | 1009  | 366   | 427                                      |    |                            | 478   | 478   |
| 06/05-10/05      |                 |                            |       |                             |        |   |       |  |       |  |       |   |       |  |    |                            |       |       |
| 04/01-03/31      |                 | 5                          |       |                             |        |   |       |  |       |  |       |   |       |  |    |                            |       |       |
| 04/01-03/31      |                 | 14                         |       |                             |        |   |       |  |       |  |       |   |       |  |    |                            |       |       |
| 05/15-10/28      | 505             | 221                        | 932   | 444                         | 1262   | 600   | 505   | 616  | 505   | 505  | 932   | 1718  | 368   | 368                                      |    |                            | 505   | 505   |
| 10/29-12/15      |                 |                            |       |                             |        |   |       |  |       |  |       |   |       |  |    |                            |       |       |
| 04/01-03/31      |                 | 9                          |       |                             |        |   |       |  |       |  |       |   |       |  |    |                            |       |       |
| 04/01-03/31      |                 | 26                         |       |                             |        |   |       |  |       |  |       |   |       |  |    |                            |       |       |
| 06/15-10/14      | 91              | 124                        | 150   | 218                         | 209    | 298   | 91    | 111  | 91    | 91   | 150   | 290   | 79    | 79                                       |    |                            | 91    | 91    |
| 04/01-03/31      |                 | 2                          |       |                             |        |   |       |  |       |  |       |   |       |  |    |                            |       |       |
| 04/01-03/31      |                 | 5                          |       |                             |        |   |       |  |       |  |       |   |       |  |    |                            |       |       |
| 03/01-02/28      | 719             |                            | 718   |                             | 1140   |   | 719   | 877  | 719   | 719  | 719   | 916   | 479   | 576                                      |    |                            | 719   | 719   |
| 04/01-03/31      |                 | 8                          |       |                             |        |   |       |  |       |  |       |   |       |  |    |                            |       |       |
| 04/01-03/31      |                 | 22                         |       |                             |        |   |       |  |       |  |       |   |       |  |    |                            |       |       |
|                  | 61164           | 27081                      | 76981 | 30860                       | 109043 | 44696   | 61164 | 73945                                      | 61164 | 61164                                      | 77099 | 130130                                      | 41404 | 46172                                    |    |                            | 61164 | 61164 |

## PHILLIPS RESOURCE AREA PROPOSED AMPS IN ALTERNATIVE 3

| ALLOT.<br>NO. | ALLOTMENT<br>NAME        | MET<br>STS | ACRES   | EXCELLENT |       | GOOD    |         | RANGE CONDITION<br>PAIRS |        | POOR   |       | UNSUITABLE |       | GRAZING<br>ANIMALS |  |  |
|---------------|--------------------------|------------|---------|-----------|-------|---------|---------|--------------------------|--------|--------|-------|------------|-------|--------------------|--|--|
|               |                          |            |         | BLM       | OTHER | BLM     | OTHER   | BLM                      | OTHER  | BLM    | OTHER | BLM        | OTHER | NO.                | CLS  |  |
| 5012          | Big Coulee               | F          | 17177.0 | 3924.1    | 0     | 15325.8 | 3783.2  | 1847.2                   | 160.9  | 0      | 0     | 0          | 0     | 57                 | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 57                 | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 194                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 429                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 110                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 13                 | AN   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 40                 | DM   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 1                  | DM   |  |
| 5023          | Frenchman Creek          | F          | 21030.4 | 6070.6    | 0     | 0       | 11331.5 | 5137.7                   | 5160.9 | 571.6  | 0     | 0          | 0     | 4538.0             | 371.3                                      | 30<br>300<br>278<br>158<br>200<br>13<br>118<br>274         |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 30                 | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 300                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 278                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 158                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 200                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 13                 | AN   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 118                | DM   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 274                | DM   |  |
| 5026          | Wedkey Coulee            | F          | 10400.1 | 1447.0    | 0     | 0       | 5359.2  | 1103.8                   | 3334.2 | 97.8   | 0     | 0          | 0     | 1706.7             | 245.4                                      | 200<br>294<br>7<br>58<br>146                               |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 200                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 294                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 7                  | AN   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 58                 | DM   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 146                | DM   |  |
| 5062          | Austin Lake              | F          | 9523.0  | 2350.2    | 0     | 0       | 7424.0  | 2252.5                   | 2077.6 | 97.7   | 0     | 0          | 0     | 21.4               | 0  | 39<br>250<br>360<br>285<br>338<br>7<br>3<br>22             |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 39                 | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 250                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 360                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 285                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 338                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 7                  | AN   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 3                  | DM   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 22                 | DM   |  |
| 5094          | Upper Cottonwood         | F          | 13770.3 | 6015.0    | 0     | 0       | 8736.5  | 4159.6                   | 4536.8 | 1669.0 | 0     | 0          | 0     | 497.0              | 186.4                                      | 5<br>102<br>230<br>428<br>231<br>10<br>11<br>5<br>87<br>56 |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 5                  | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 102                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 230                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 428                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 231                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 10                 | S  |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 11                 | AN   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 5                  | AN   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 87                 | DM   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 56                 | DM   |  |
| 5095          | Joiner Coulee            | F          | 5079.3  | 1319.8    | 0     | 0       | 2449.9  | 335.4                    | 2422.8 | 955.3  | 0     | 0          | 0     | 206.6              | 29.1                                       | 150<br>180<br>4<br>12<br>19                                |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 150                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 180                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 4                  | AN   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 12                 | DM   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 19                 | DM   |  |
| 5300          | South Big Bend           | F          | 3533.1  | 0         | 0     | 0       | 3158.3  | 0                        | 284.7  | 0      | 0     | 0          | 0     | 90.1               | 0  | 151<br>157<br>151<br>3<br>25<br>8<br>6                     |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 151                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 157                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 3                  | AN   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 25                 | AN   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 8                  | AN   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 6                  | DM   |  |
| 5372          | Alkali Coules            | F          | 6658.4  | 867.8     | 0     | 0       | 2844.2  | 71.6                     | 3755.3 | 792.5  | 0     | 0          | 0     | 58.9               | 3.7  | 46<br>36<br>100<br>200<br>8<br>15                          |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 46                 | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 36                 | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 100                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 200                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 8                  | AN   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 15                 | DM   |  |
| 5384          | North Wild Horse         | F          | 1277.0  | 2557.5    | 0     | 0       | 39.7    | 0                        | 1045.8 | 2278.4 | 154.8 | 259.0      | 36.7  | 20.1               | 6<br>107<br>1<br>3                         | CA<br>CA<br>AN<br>DM                                       |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 6                  | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 107                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 1                  | AN   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 3                  | DM   |  |
| 5390          | Upper Overflow Coulee    | F          | 2621.1  | 2085.8    | 0     | 0       | 160.7   | 0                        | 2454.0 | 2085.8 | 0     | 0          | 0     | 6.4                | 0  | 180<br>3<br>6  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 180                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 3                  | AN   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 6                  | DM   |  |
| 5406          | Lower Albert Coulee      | F          | 4330.7  | 3687.3    | 0     | 0       | 1534.4  | 2336.9                   | 2716.1 | 1297.3 | 0     | 0          | 0     | 80.2               | 53.1                                       | 405<br>5<br>3<br>10  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 405                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 5                  | HO   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 3                  | AN   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 10                 | DM   |  |
| 5416          | North Cabbage Coules     | F          | 12447.6 | 7863.4    | 0     | 0       | 7656.2  | 4239.9                   | 4121.1 | 3602.7 | 0     | 0          | 0     | 670.3              | 20.8                                       | 47<br>770<br>148<br>16<br>29                               |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 47                 | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 770                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 148                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 16                 | AN   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 29                 | DM   |  |
| 5424          | Little Warm-Spring Creek | F          | 11819.3 | 5918.4    | 0     | 0       | 7787.0  | 3179.1                   | 3691.5 | 2629.9 | 166.6 | 88.0       | 164.2 | 21.4               | 66<br>199<br>238<br>250<br>143<br>15<br>28 |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 66                 | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 199                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 238                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 250                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 143                | CA   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 15                 | AN   |  |
|               |                          |            |         |           |       |         |         |                          |        |        |       |            |       | 28                 | DM   |  |
| Sub Total     |                          |            | 119666  | 44117     | 0     | 0       | 73820   | 26580                    | 37448  | 16239  | 321   | 347        | 8077  | 951                |  |  |

| SEASON            | CURRNT       | ADM'S       | REC. STOCKING |             | POTEN. FORAGE |              | ALTERNATIVE A |              | ALTERNATIVE B |              | ALTERNATIVE C |              | ALTERNATIVE D |              | ALTERNATIVE E |          | ALTERNATIVE F |              |
|-------------------|--------------|-------------|---------------|-------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|----------|---------------|--------------|
|                   |              |             | BLW           | OTHER       | BLW           | OTHER        | BLW           | OTHER        | STL           | LT           | STL           | LT           | STL           | LT           | STL           | LT       | STL           | LT           |
| 03/01-02/28       | 3414         | 570         | 4542          | 1044        | 6312          | 1422         | 3414          | 4163         | 3414          | 4163         | 4542          | 7907         | 2454          | 2480         | 0             | 0        | 3414          | 3414         |
| 06/18-08/31       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 08/19-10/31       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 08/01-08/31       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 08/01-10/15       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/01-03/31       | 20           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/01-11/30       | 64           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 12/01-05/31       | 1            |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 03/01-02/28       | 1878         | 2437        | 3075          | 1580        | 4602          | 2161         | 1878          | 2302         | 1878          | 2302         | 3075          | 4047         | 1231          | 1589         | 0             | 0        | 0             | 1878         |
| 03/01-04/30       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 03/01-05/31       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 03/01-06/30       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 03/01-06/15       | 20           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/01-03/31       | 20           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/01-11/30       | 189          |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 12/01-05/31       | 219          |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/15-08/31       | 1386         | 182         | 1643          | 306         | 2560          | 414          | 1320          | 1911         | 1320          | 1911         | 1643          | 2694         | 874           | 1264         | 0             | 0        | 0             | 1320         |
| 09/01-10/31       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/01-03/31       | 11           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/01-11/30       | 93           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 12/01-05/31       | 117          |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 03/01-02/28       | 1851         | 644         | 2435          | 650         | 3498          | 882          | 1851          | 2258         | 1851          | 2258         | 2435          | 4655         | 1270          | 1317         | 0             | 0        | 0             | 1851         |
| 03/01-05/31       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 05/09-06/30       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 06/01-06/30       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 07/01-11/08       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/01-03/31       | 11           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 12/01-05/31       | 2            |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/21-11/30       | 35           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 03/01-02/28       | 2436         | 859         | 2720          | 1221        | 4151          | 1821         | 2436          | 3192         | 2436          | 3192         | 2720          | 3838         | 1588          | 2087         | 0             | 0        | 0             | 2436         |
| 03/01-04/30       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/16-05/15       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 05/16-09/30       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 10/01-11/30       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 05/01-11/16       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 05/01-11/30       | 12           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 12/01-05/31       | 3            |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/01-11/30       | 139          |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 12/01-05/31       | 45           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/12-05/11       | 849          | 234         | 943           | 234         | 1541          | 422          | 849           | 1036         | 849           | 1036         | 943           | 1588         | 504           | 790          | 0             | 0        | 0             | 849          |
| 05/12-10/16       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/01-05/31       | 6            |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/01-11/30       | 19           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 12/01-05/31       | 15           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 05/16-06/19       | 845          |             | 871           |             | 1202          |              | 845           | 1031         | 845           | 1031         | 871           | 1157         | 689           | 721          | 0             | 0        | 0             | 845          |
| 06/20-09/19       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 09/20-10/31       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 12/01-05/30       | 3            |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 12/01-03/31       | 13           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/01-11/31       | 13           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 12/01-03/31       | 5            |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 03/01-02/28       | 1240         | 346         | 1377          | 165         | 2285          | 318          | 1240          | 1513         | 1240          | 1513         | 1377          | 2838         | 1112          | 1151         | 0             | 0        | 0             | 1240         |
| 05/01-05/30       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 06/01-11/30       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 05/01-06/01       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/01-03/31       | 13           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/01-03/31       | 36           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 03/01-02/28       | 151          | 425         | 176           | 370         | 363           | 774          | 151           | 184          | 151           | 184          | 176           | 348          | 102           | 204          | 0             | 0        | 0             | 151          |
| 04/01-03/31       | 2            |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 05/01-09/30       | 478          | 421         | 431           | 328         | 830           | 657          | 478           | 583          | 478           | 583          | 431           | 550          | 267           | 566          | 0             | 0        | 0             | 478          |
| 04/01-03/31       | 12           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/01-03/31       | 12           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 05/01-10/31       | 1121         | 1338        | 878           | 850         | 1497          | 1292         | 1121          | 1505         | 1121          | 1505         | 878           | 1793         | 746           | 1001         | 0             | 0        | 0             | 1121         |
| 06/01-08/09       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 08/01-09/30       | 8            |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/01-03/31       | 24           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 03/01-02/28       | 1810         | 1297        | 2433          | 1559        | 3879          | 2474         | 1810          | 2208         | 1810          | 2208         | 2433          | 3796         | 636           | 942          | 0             | 0        | 0             | 1810         |
| 05/01-07/24       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 05/01-07/12       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/01-03/31       | 25           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/01-03/31       | 70           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 03/01-02/28       | 2066         | 1076        | 2537          | 1307        | 3842          | 2074         | 2066          | 2520         | 2066          | 2520         | 2537          | 4718         | 1760          | 1942         | 0             | 0        | 0             | 2066         |
| 05/01-08/09       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 08/01-09/30       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 08/15-12/15       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 08/09-12/15       |              |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/01-03/31       | 34           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| 04/01-03/31       | 67           |             |               |             |               |              |               |              |               |              |               |              |               |              |               |          |               |              |
| <b>Sub. Total</b> | <b>19459</b> | <b>9829</b> | <b>24061</b>  | <b>9614</b> | <b>36362</b>  | <b>14711</b> | <b>19459</b>  | <b>24406</b> | <b>19459</b>  | <b>24406</b> | <b>24061</b>  | <b>39929</b> | <b>13263</b>  | <b>16054</b> | <b>0</b>      | <b>0</b> | <b>0</b>      | <b>19459</b> |

## PHILLIPS RESOURCE AREA EXISTING ANPS

| ALLOT.<br>NO. | ALLOTMENT<br>NAME   | MOT<br>STS | ACRES   | EXCELLENT |       | GOOD  |         | RANGE CONDITION |        | POOR   |       | UNSUITABLE |        | GRAZING<br>ANIMALS |       |    |
|---------------|---------------------|------------|---------|-----------|-------|-------|---------|-----------------|--------|--------|-------|------------|--------|--------------------|-------|----|
|               |                     |            |         | BLM       | OTHER | BLM   | OTHER   | BLM             | OTHER  | BLM    | OTHER | BLM        | OTHER  | BLM                | OTHER |    |
| 5001          | Border              | E          | 1847.6  | 0         | 0     | 983.8 | 0       | 861.8           | 0      | 0      | 0     | 0          | 0      | 31                 | CLS   |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 1                  | CA    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 4                  | DM    |    |
| 5002          | North Woody Island  | E          | 7384.0  | 640.0     | 0     | 0     | 7384.0  | 640.0           | 0      | 0      | 0     | 0          | 0      | 1                  | CA    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 307                | CA    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 6                  | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 17                 | DM    |    |
| 5008          | Sunny Slope         | E          | 3165.9  | 3415.1    | 0     | 0     | 3165.9  | 3415.1          | 0      | 0      | 0     | 0          | 0      | 12                 | CA    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 152                | CA    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 30                 | CA    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 3                  | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 8                  | DM    |    |
| 5017          | International       | E          | 4250.2  | 0         | 0     | 0     | 2570.6  | 0               | 1679.6 | 0      | 0     | 0          | 0      | 167                | CA    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 3                  | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 10                 | DM    |    |
| 5030          | Dunham Coulee       | E          | 2797.1  | 80.0      | 0     | 0     | 2527.9  | 48.0            | 245.8  | 32.0   | 0     | 0          | 23.4   | 0                  | 4     | CA |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 110                | CA    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 2                  | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 80                 | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 15                 | DM    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 41                 | DM    |    |
| 5032          | Johns Coulee        | E          | 399.8   | 0         | 0     | 0     | 399.8   | 0               | 0      | 0      | 0     | 0          | 0      | 25                 | CA    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 1                  | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 1                  | DM    |    |
| 5034          | Plainview           | E          | 4845.8  | 0         | 0     | 0     | 3838.0  | 0               | 1007.8 | 0      | 0     | 0          | 0      | 2                  | CA    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 204                | CA    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 3                  | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 37                 | DM    |    |
| 5036          | Whitewater Lake     | E          | 7588.5  | 1631.1    | 0     | 0     | 7463.1  | 1621.1          | 125.4  | 10.0   | 0     | 0          | 0      | 367                | CA    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 4                  | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 17                 | DM    |    |
| 5037          | Lonetrees Coulee    | E          | 7092.1  | 1403.8    | 0     | 0     | 6838.1  | 1399.8          | 253.6  | 4.0    | 0     | 0          | .4     | 0                  | 314   | CA |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 5                  | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 19                 | DM    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 15                 | DM    |    |
| 5038          | Reservoir           | E          | 1083.0  | 170.7     | 0     | 0     | 600.3   | 43.8            | 482.7  | 126.9  | 0     | 0          | 0      | 48                 | CA    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 1                  | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 2                  | DM    |    |
| 5051          | Woody Island        | E          | 12114.9 | 6788.2    | 0     | 0     | 9798.2  | 5587.8          | 1763.0 | 1029.4 | 0     | 0          | 553.7  | 171.0              | 22    | CA |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 423                | CA    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 9                  | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 28                 | DM    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 32                 | DM    |    |
| 5065          | Eastfork Whitewater | E          | 6113.0  | 3386.2    | 0     | 0     | 5698.9  | 3193.4          | 412.5  | 188.0  | 0     | 0          | 1.6    | 4.8                | 15    | CA |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 132                | CA    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 67                 | CA    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 4                  | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 15                 | DM    |    |
| 5084          | Upper Coop Coulee   | E          | 1900.7  | 959.2     | 0     | 0     | 590.4   | 467.6           | 1310.3 | 491.6  | 0     | 0          | 0      | 98                 | CA    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 1                  | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 11                 | DM    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 7                  | DM    |    |
| 5085          | Coop Coulee         | E          | 799.5   | 79.9      | 0     | 0     | 799.5   | 79.9            | 0      | 0      | 0     | 0          | 0      | 85                 | CA    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 1                  | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 2                  | DM    |    |
| 5087          | Joebell Coulee      | E          | 6915.9  | 5760.8    | 0     | 0     | 6442.5  | 4257.8          | 473.4  | 1503.0 | 0     | 0          | 0      | 0                  | 37    | CA |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 423                | CA    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 4                  | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 16                 | DM    |    |
| 5089          | Martina Coulee      | E          | 14214.1 | 11577.6   | 0     | 0     | 11003.9 | 8021.4          | 3037.2 | 3445.8 | 0     | 0          | 173.0  | 110.2              | 814   | CA |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 12                 | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 58                 | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 35                 | DM    |    |
| 5093          | Lambing Coulee      | E          | 9942.6  | 3669.3    | 0     | 0     | 5388.7  | 2739.9          | 4544.5 | 929.4  | 0     | 0          | 9.4    | 0                  | 452   | CA |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 452                | CA    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 8                  | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 25                 | DM    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 5                  | DM    |    |
| 5096          | Lauree Coulee       | E          | 14999.6 | 1221.3    | 0     | 0     | 9143.5  | 888.6           | 4675.2 | 291.8  | 0     | 0          | 1180.9 | 40.9               | 295   | CA |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 12                 | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 67                 | DM    |    |
| 5109          | West Garland Creek  | E          | 5029.5  | 3704.7    | 0     | 244.0 | 4219.8  | 2082.8          | 464.9  | 921.6  | 230.7 | 415.8      | 114.1  | 40.5               | 366   | CA |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 3                  | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 17                 | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 10                 | DM    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 17                 | DM    |    |
| 5110          | East Garland Creek  | E          | 6086.7  | 6503.8    | 0     | 0     | 5570.9  | 6049.0          | 173.0  | 144.9  | 47.6  | 22.4       | 296.2  | 287.3              | 352   | CA |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 20                 | AN    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 14                 | DM    |    |
|               |                     |            |         |           |       |       |         |                 |        |        |       |            |        | 21                 | DM    |    |

| SEASON      | CURRENt AUMs | REC STOCKING RATE/AUMs |       | POTEN. FORAGE PRODUCTION | ALTERNATIVE 1 |       | ALTERNATIVE 2 |      | ALTERNATIVE 3 |      | ALTERNATIVE 4 |      | ALTERNATIVE 5 |      | ALTERNATIVE 6 |     |      |      |
|-------------|--------------|------------------------|-------|--------------------------|---------------|-------|---------------|------|---------------|------|---------------|------|---------------|------|---------------|-----|------|------|
|             |              | BLW                    | OTHER |                          | BLW           | OTHER | ST            | LT   | ST            | LT   | ST            | LT   | ST            | LT   | ST            | LT  |      |      |
| 05/01-10/31 | 523          | 0                      | 460   | 0                        | 723           | 0     | 525           | 879  | 525           | 879  | 525           | 1064 | 525           | 174  | 403           | 0   |      |      |
| 04/01-10/31 | 2            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               | 525 | 525  |      |
| 04/01-03/31 | 10           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 03/01-02/28 | 1553         | 147                    | 2158  | 191                      | 2880          | 254   | 1553          | 1895 | 1553          | 1895 | 2158          | 4161 | 903           | 903  | 0             | 0   | 1553 | 1553 |
| 05/01-10/15 |              |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-03/31 | 9            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-03/31 | 41           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 03/01-02/28 | 755          | 684                    | 941   | 1014                     | 1255          | 1353  | 755           | 921  | 755           | 921  | 941           | 1828 | 515           | 515  | 0             | 0   | 755  | 755  |
| 05/01-10/15 |              |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 05/01-10/30 |              |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-10/30 | 5            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-10/31 | 5            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-03/31 | 19           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 05/01-03/31 | 98           | 0                      | 1067  | 0                        | 1644          | 0     | 999           | 1219 | 999           | 1219 | 1067          | 2334 | 615           | 641  | 0             | 0   | 999  | 999  |
| 04/01-03/31 | 5            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-10/31 | 24           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 03/01-02/28 | 910          | 20                     | 781   | 0                        | 1073          | 35    | 910           | 1110 | 910           | 1110 | 781           | 825  | 587           | 590  | 0             | 0   | 910  | 910  |
| 05/01-10/15 |              |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-11/30 | 2            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 12/01-03/31 | 42           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-11/30 | 34           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 12/01-03/31 | 33           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 05/01-08/31 | 98           | 0                      | 118   | 0                        | 158           | 0     | 98            | 120  | 98            | 120  | 118           | 235  | 73            | 73   | 0             | 0   | 98   | 98   |
| 04/01-03/31 | 2            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-03/31 | 2            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 03/01-02/28 | 1095         | 52                     | 1319  | 0                        | 1889          | 0     | 1095          | 1336 | 1095          | 1336 | 1319          | 2700 | 703           | 704  | 0             | 0   | 1095 | 1095 |
| 05/01-10/15 |              |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-03/31 | 5            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-03/31 | 89           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 06/01-10/30 | 1467         | 366                    | 2158  | 466                      | 2899          | 624   | 1467          | 1790 | 1467          | 1790 | 2158          | 4106 | 1170          | 1179 | 0             | 0   | 1467 | 1467 |
| 06/01-03/31 | 6            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-03/31 | 41           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 05/01-10/30 | 1531         | 352                    | 1949  | 380                      | 2646          | 510   | 1531          | 1868 | 1531          | 1868 | 1949          | 1578 | 912           | 916  | 0             | 0   | 1531 | 1531 |
| 04/01-03/31 | 9            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-11/30 | 30           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 12/01-03/31 | 12           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 05/01-10/01 | 214          | 28                     | 263   | 36                       | 415           | 65    | 214           | 305  | 214           | 305  | 263           | 565  | 141           | 201  | 0             | 0   | 214  | 214  |
| 04/01-03/31 | 1            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-03/31 | 5            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 03/01-02/28 | 1868         | 1169                   | 2804  | 1588                     | 3951          | 2240  | 1868          | 2279 | 1868          | 2279 | 2804          | 4469 | 987           | 1038 | 0             | 0   | 1868 | 1868 |
| 04/01-10/15 |              |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-10/30 | 70           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 12/01-03/31 | 28           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-11/30 | 45           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 12/01-03/31 | 26           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 03/01-02/28 | 1212         | 364                    | 1596  | 850                      | 2185          | 1163  | 1212          | 1479 | 1212          | 1479 | 1596          | 3327 | 861           | 861  | 0             | 0   | 1212 | 1212 |
| 04/01-10/15 |              |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-10/30 | 6            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-03/31 | 36           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 05/01-10/15 | 329          | 162                    | 409   | 195                      | 715           | 317   | 329           | 401  | 329           | 401  | 409           | 573  | 228           | 231  | 0             | 0   | 329  | 329  |
| 04/01-03/31 | 2            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-11/30 | 18           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 12/01-03/31 | 7            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-05/31 | 160          | 10                     | 222   | 19                       | 296           | 26    | 160           | 195  | 160           | 195  | 221           | 424  | 0             | 0    | 0             | 0   | 160  | 160  |
| 04/01-03/31 | 2            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-03/31 | 5            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-10/15 | 1588         | 1161                   | 1897  | 1476                     | 2598          | 2150  | 1588          | 1937 | 1588          | 1937 | 1897          | 3508 | 1097          | 1824 | 0             | 0   | 1588 | 1588 |
| 05/01-10/31 |              |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-03/31 | 6            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-03/31 | 38           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 05/01-10/31 | 2945         | 1936                   | 3440  | 2674                     | 4979          | 3999  | 2945          | 3593 | 2945          | 3593 | 3440          | 6007 | 1968          | 2020 | 0             | 0   | 2945 | 2945 |
| 04/01-11/30 | 13           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 12/01-03/31 | 30           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-03/31 | 84           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 05/01-10/10 | 2054         | 687                    | 2043  | 845                      | 3256          | 1246  | 2054          | 2637 | 2054          | 2637 | 2054          | 4108 | 1545          | 1935 | 0             | 0   | 2054 | 2054 |
| 11/05-12/20 |              |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-03/31 | 13           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-11/30 | 37           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 12/01-03/31 | 4            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-11/30 | 2021         | 205                    | 2800  | 255                      | 4272          | 377   | 2021          | 2466 | 2021          | 2466 | 2800          | 3920 | 1221          | 1459 | 0             | 0   | 2021 | 2021 |
| 04/01-11/30 | 13           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 12/01-03/31 | 36           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-11/30 | 56           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 12/01-03/31 | 54           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 05/01-10/31 | 939          | 1259                   | 1194  | 885                      | 1720          | 1383  | 939           | 1146 | 939           | 1146 | 1194          | 1967 | 618           | 662  | 0             | 0   | 939  | 939  |
| 04/01-11/30 | 9            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-11/30 | 16           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 12/01-03/31 | 14           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 05/01-10/31 | 1014         | 1100                   | 1414  | 1565                     | 1926          | 2117  | 1014          | 1270 | 1014          | 1270 | 1414          | 2170 | 676           | 728  | 0             | 0   | 1014 | 1014 |
| 04/01-11/30 | 5            |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 12/01-03/31 | 11           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 04/01-11/30 | 22           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |
| 12/01-03/31 | 17           |                        |       |                          |               |       |               |      |               |      |               |      |               |      |               |     |      |      |

## PHILLIPS RESOURCE AREA EXISTING ANPs CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME       | NAT.<br>STS | ACRES   | EXCELLENT |       | GOOD  |         | RANGE CONDITION |        | POOR   |       | UNSUITABLE |        | GRAZING<br>ANIMALS |  |
|---------------|-------------------------|-------------|---------|-----------|-------|-------|---------|-----------------|--------|--------|-------|------------|--------|--------------------|--|
|               |                         |             |         | BLM       | OTHER | BLM   | OTHER   | BLM             | OTHER  | BLM    | OTHER | BLM        | OTHER  | BLM                | CLS  |
| 5111          | Little Cottonwood Creek | E           | 4915.4  | 9526.3    | 0     | 0     | 3475.3  | 4229.8          | 1140.7 | 4764.8 | 0     | 0          | 29.4   | 533.7              | 463<br>CA<br>AN<br>47<br>12<br>9<br>DM                                 |
| 5115          | Big Bend                | E           | 1460.3  | 2236.6    | 0     | 0     | 1009.5  | 1263.0          | 367.2  | 786.9  | 0     | 0          | 83.6   | 186.7              | 1<br>CA<br>251<br>1<br>AN<br>11<br>3<br>DM                             |
| 5329          | Cow Creek               | E           | 963.0   | 250.9     | 0     | 0     | 641.0   | 74.0            | 322.0  | 176.9  | 0     | 0          | 0      | 0                  | 100<br>CA<br>56<br>CA<br>1<br>AN<br>2<br>DM                            |
| 5339          | Crooks Coulee           | E           | 3138.8  | 2160.1    | 52.9  | 124.0 | 2712.8  | 1754.5          | 173.8  | 40.9   | 0     | 0          | 199.3  | 240.7              | 130<br>CA<br>4<br>4<br>7<br>DM   |
| 5344          | Fourth Creek            | E           | 4638.6  | 275.1     | 523.4 | 34.9  | 3987.0  | 233.5           | 0      | 0      | 0     | 0          | 128.2  | 6.7                | 7<br>CA<br>185<br>CA<br>6<br>AN<br>3<br>DM<br>11<br>DM                 |
| 5345          | Second Creek            | E           | 1945.7  | 1822.9    | 0     | 0     | 1565.1  | 1386.8          | 213.8  | 312.2  | 0     | 0          | 166.8  | 123.9              | 139<br>CA<br>2<br>AN<br>1<br>DM<br>5<br>DM                             |
| 5348          | Coon Coulee             | E           | 159.6   | 0         | 42.2  | 0     | 108.1   | 0               | 0      | 0      | 0     | 0          | 9.3    | 0                  | 5<br>CA<br>1<br>AN<br>1<br>DM  |
| 5363          | Black Coulee            | E           | 1541.8  | 469.4     | 0     | 0     | 1541.8  | 469.4           | 0      | 0      | 0     | 0          | 0      | 0                  | 89<br>CA<br>2<br>4<br>4<br>DM  |
| 5368          | Beavers                 | E           | 879.6   | 324.0     | 0     | 0     | 740.7   | 324.0           | 138.9  | 0      | 0     | 0          | 0      | 0                  | 57<br>CA<br>1<br>AN<br>2<br>DM   |
| 5374          | Halfway Coulee          | E           | 2200.1  | 160.0     | 0     | 0     | 1332.3  | 160.0           | 867.8  | 0      | 0     | 0          | 0      | 0                  | 2<br>CA<br>77<br>CA<br>3<br>AN<br>3<br>DM                              |
| 5387          | West Alkali Creek       | E           | 9613.7  | 10338.5   | 0     | 0     | 5400.4  | 3830.1          | 3980.3 | 6455.7 | 0     | 0          | 233.0  | 52.7               | 720<br>CA<br>12<br>AN<br>23<br>AN                                      |
| 5388          | Rudolph Coulee          | E           | 7021.4  | 1903.5    | 320.0 | 640.0 | 4573.1  | 1046.6          | 2121.3 | 216.9  | 0     | 0          | 7.0    | 0                  | 34<br>CA<br>130<br>CA<br>251<br>CA<br>261<br>CA<br>9<br>AN<br>16<br>DM |
| 5407          | Albert Coulee           | E           | 3103.0  | 1175.6    | 0     | 0     | 2320.8  | 1072.9          | 673.8  | 52.9   | 0     | 0          | 108.4  | 49.8               | 9<br>CA<br>184<br>CA<br>4<br>AN<br>7<br>DM                             |
| 5408          | Trueblood Coulee        | E           | 12990.5 | 3648.3    | 0     | 0     | 9981.4  | 2872.6          | 2956.3 | 768.5  | 0     | 0          | 51.8   | 7.2                | 45<br>CA<br>505<br>CA<br>16<br>AN<br>31<br>DM                          |
| 5415          | Overflow Coulee         | E           | 8446.0  | 9250.3    | 0     | 0     | 3965.4  | 3421.7          | 3844.0 | 5512.0 | 580.6 | 8.9        | 56.0   | 307.7              | 27<br>CA<br>436<br>CA<br>11<br>AN<br>20<br>DM                          |
| 5417          | Whiterock Coulee        | E           | 17915.8 | 6165.3    | 0     | 0     | 10840.8 | 3870.8          | 5510.1 | 1869.6 | 3.0   | 221.0      | 1561.9 | 204.0              | 16<br>CA<br>437<br>CA<br>22<br>AN<br>42<br>DM                          |
| 5427          | North Flat Creek        | E           | 16431.0 | 7310.6    | 0     | 0     | 10313.2 | 3519.9          | 5200.9 | 3638.1 | 0     | 0          | 916.9  | 152.6              | 8<br>CA<br>497<br>CA<br>21<br>AN<br>40<br>DM                           |
| 5428          | Rheumatism Coulee       | E           | 3779.6  | 316.0     | 0     | 0     | 466.8   | 0               | 2576.4 | 316.0  | 627.6 | 0          | 108.8  | 0                  | 145<br>CA<br>7<br>AN<br>13<br>DM                                       |
| 5429          | Spring Creek            | E           | 13975.1 | 4395.5    | 0     | 0     | 7675.5  | 2391.8          | 6217.6 | 1979.4 | 0     | 0          | 82.0   | 24.3               | 37<br>CA<br>173<br>CA<br>370<br>CA<br>17<br>AN<br>33<br>DM             |
| 5432          | Upper Black Coulee      | E           | 5557.2  | 40.0      | 0     | 0     | 3768.1  | 4.4             | 1161.6 | 32.0   | 0     | 0          | 647.5  | 1.6                | 111<br>CA<br>5<br>AN<br>9<br>DM  |

| SEASON<br>OF USE | CURRENT<br>SLM | REC. STOCKING<br>RATE/AUMs | AUMs | BLM  | OTHER | BLM  | OTHER | BLM  | OTHER | ALTERNATIVE A |                      | ALTERNATIVE B |                  | ALTERNATIVE C |     | ALTERNATIVE D |     | ALTERNATIVE E |      | ALTERNATIVE F |    |  |
|------------------|----------------|----------------------------|------|------|-------|------|-------|------|-------|---------------|----------------------|---------------|------------------|---------------|-----|---------------|-----|---------------|------|---------------|----|--|
|                  |                |                            |      |      |       |      |       |      |       | POTEN.        | FORAGE<br>PRODUCTION | VEG.          | COMBINED<br>USU. | ST            | LT  | BT            | ST  | LT            | BT   | ST            | LT |  |
| 03/01-10/31      | 860            | 1923                       | 1019 | 1891 | 1506  | 3147 |       | 860  | 1280  | 860           | 1280                 | 1019          | 1627             | 287           | 359 | 0             | 0   | 860           | 860  |               |    |  |
| 04/01-10/30      |                |                            | 25   |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 12/01-03/31      | 25             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-11/31      | 19             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 12/01-03/31      | 7              |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 03/01-02/28      | 227            | 283                        | 286  | 409  | 425   | 639  | 227   | 227  | 227   | 227           | 227                  | 286           | 429              | 9             | 9   | 0             | 0   | 227           | 227  |               |    |  |
| 04/01-05/31      |                |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-11/30      | 1              |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 12/01-03/31      | 6              |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 7              |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/15-07/15      | 376            | 150                        | 246  | 52   | 364   | 90   | 376   | 459  | 376   | 459           | 246                  | 518           | 196              | 217           | 0   | 0             | 0   | 376           | 376  |               |    |  |
| 07/16-11/15      |                |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 2              |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 5              |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 05/01-10/31      | 458            | 323                        | 619  | 421  | 844   | 558  | 458   | 559  | 458   | 559           | 619                  | 751           | 305              | 343           | 0   | 0             | 0   | 458           | 458  |               |    |  |
| 04/01-03/31      | 6              |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 12/01-03/31      | 3              |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-11/30      | 11             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 03/01-02/28      | 904            | 202                        | 1189 | 75   | 1538  | 96   | 904   | 2009 | 904   | 2009          | 1189                 | 1575          | 654              | 663           | 0   | 0             | 0   | 904           | 904  |               |    |  |
| 03/16-10/31      |                |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 9              |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 12/01-03/31      | 4              |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-12/30      | 18             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 05/16-11/15      | 416            | 417                        | 378  | 392  | 531   | 567  | 416   | 507  | 416   | 507           | 416                  | 522           | 340              | 0             | 0   | 0             | 416 | 416           |      |               |    |  |
| 04/01-03/31      | 3              |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 12/01-03/31      | 1              |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-12/30      | 8              |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 05/01-11/31      | 34             | 0                          | 39   | 0    | 48    | 0    | 34    | 42   | 34    | 42            | 39                   | 49            | 29               | 29            | 0   | 0             | 0   | 34            | 34   |               |    |  |
| 04/01-03/31      | 2              |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-10/15      | 439            | 97                         | 427  | 126  | 572   | 170  | 439   | 536  | 439   | 536           | 429                  | 792           | 257              | 267           | 0   | 0             | 0   | 439           | 439  |               |    |  |
| 04/01-03/31      | 3              |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 10             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 05/01-10/31      | 255            | 75                         | 241  | 92   | 340   | 123  | 255   | 311  | 255   | 311           | 255                  | 465           | 167              | 167           | 0   | 0             | 0   | 255           | 255  |               |    |  |
| 04/01-03/31      | 2              |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 5              |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 12             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 05/01-10/15      | 1841           | 2099                       | 1933 | 1889 | 2995  | 3180 | 1841  | 2276 | 1841  | 2276          | 1933                 | 3482          | 1150             | 1437          | 0   | 0             | 0   | 1841          | 1841 |               |    |  |
| 04/01-03/31      | 19             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 55             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 03/01-02/28      | 1827           | 393                        | 1592 | 490  | 2354  | 616  | 1827  | 2229 | 1827  | 2229          | 1827                 | 2326          | 1348             | 1460          | 0   | 0             | 0   | 1827          | 1827 |               |    |  |
| 03/01-10/15      |                |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 05/01-07/15      |                |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 07/16-10/15      |                |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 14             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 38             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 03/01-02/28      | 860            | 350                        | 757  | 297  | 1091  | 404  | 860   | 1049 | 860   | 1049          | 860                  | 1567          | 576              | 608           | 0   | 0             | 0   | 860           | 860  |               |    |  |
| 04/01-10/31      |                |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 6              |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 17             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 03/01-02/28      | 2968           | 849                        | 3043 | 854  | 4413  | 1242 | 2968  | 3069 | 2968  | 3069          | 3043                 | 6168          | 1840             | 1895          | 0   | 0             | 0   | 2968          | 2968 |               |    |  |
| 04/01-03/31      |                |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 25             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 74             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 03/10-02/28      | 1306           | 1630                       | 1601 | 1679 | 2728  | 2842 | 1306  | 1593 | 1306  | 1593          | 1601                 | 2709          | 868              | 1122          | 0   | 0             | 0   | 1306          | 1306 |               |    |  |
| 05/01-10/31      |                |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 17             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 48             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 03/01-02/28      | 2133           | 681                        | 3147 | 1143 | 4744  | 1753 | 2133  | 2602 | 2133  | 2602          | 3147                 | 5739          | 1445             | 2047          | 0   | 0             | 0   | 2133          | 2133 |               |    |  |
| 05/01-10/31      |                |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 35             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 101            |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 03/01-02/28      | 2451           | 1122                       | 3106 | 1346 | 4706  | 2186 | 2451  | 3062 | 2451  | 3062          | 3106                 | 6784          | 1754             | 2157          | 0   | 0             | 0   | 2451          | 2451 |               |    |  |
| 05/01-11/30      |                |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 33             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 98             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 05/01-11/30      | 511            | 507                        | 542  | 52   | 1085  | 104  | 511   | 893  | 511   | 893           | 542                  | 1040          | 363              | 615           | 0   | 0             | 0   | 511           | 511  |               |    |  |
| 04/01-03/31      | 11             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 31             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 03/01-02/28      | 1503           | 1019                       | 2949 | 913  | 4548  | 1430 | 2503  | 3308 | 2503  | 3308          | 2809                 | 6051          | 999              | 1330          | 0   | 0             | 0   | 2503          | 2503 |               |    |  |
| 05/01-10/30      |                |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/30      |                |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 27             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 79             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 05/01-11/30      | 751            | 30                         | 1014 | 7    | 1483  | 13   | 751   | 993  | 751   | 993           | 1014                 | 1283          | 538              | 675           | 0   | 0             | 0   | 751           | 751  |               |    |  |
| 04/01-03/31      | 8              |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |
| 04/01-03/31      | 22             |                            |      |      |       |      |       |      |       |               |                      |               |                  |               |     |               |     |               |      |               |    |  |

## PHILLIPS RESOURCE AREA EXISTING AMPS CONTINUED

| ALLOT.<br>NO.              | ALLOTMENT<br>NAME   | MGT<br># | ACRES   | EXCELLENT |        | GOOD |        | RANGE CONDITION |        | POOR   |       | UNDESIRABLE |       | GRAZING<br>ANIMALS <sup>a</sup> |      |    |    |
|----------------------------|---------------------|----------|---------|-----------|--------|------|--------|-----------------|--------|--------|-------|-------------|-------|---------------------------------|------|----|----|
|                            |                     |          |         | BLM       | OTHER  | BLM  | OTHER  | BLM             | OTHER  | BLM    | OTHER | BLM         | OTHER | NO.                             | CLS  |    |    |
| 5437                       | Sage Creek          | E        | 3125.1  | 1921.6    | 0      | 0    | 2036.6 | 1368.6          | 691.1  | 476.3  | 134.6 | 14.0        | 262.8 | 62.7                            | 1    | CA |    |
|                            |                     |          |         |           |        |      |        |                 |        |        |       |             |       | 102                             | CA   |    |    |
|                            |                     |          |         |           |        |      |        |                 |        |        |       |             |       | 6                               | AN   |    |    |
|                            |                     |          |         |           |        |      |        |                 |        |        |       |             |       | 7                               | DM   |    |    |
| 5439                       | Flat Creek          | E        | 13041.7 | 2883.1    | 0      | 0    | 6534.8 | 737.3           | 5423.3 | 2083.8 | 124.9 | 10.8        | 958.7 | 51.2                            | 2    | CA |    |
|                            |                     |          |         |           |        |      |        |                 |        |        |       |             |       | 226                             | CA   |    |    |
|                            |                     |          |         |           |        |      |        |                 |        |        |       |             |       | 15                              | AN   |    |    |
|                            |                     |          |         |           |        |      |        |                 |        |        |       |             |       | 31                              | DM   |    |    |
| 5440                       | West Flat Creek     | E        | 8950.8  | 381.9     | 1192.3 | 3.2  | 5768.5 | 316.9           | 1063.6 | 0      | 0     | 0           | 0     | 926.4                           | 61.8 | 1  | CA |
|                            |                     |          |         |           |        |      |        |                 |        |        |       |             |       | 122                             | CA   |    |    |
|                            |                     |          |         |           |        |      |        |                 |        |        |       |             |       | 11                              | AN   |    |    |
|                            |                     |          |         |           |        |      |        |                 |        |        |       |             |       | 21                              | DM   |    |    |
| 5441                       | Lower Alkali Coulee | E        | 959.6   | 320.0     | 0      | 0    | 959.6  | 320.0           | 0      | 0      | 0     | 0           | 0     | 0                               | 60   | CA |    |
|                            |                     |          |         |           |        |      |        |                 |        |        |       |             |       | 1                               | AN   |    |    |
|                            |                     |          |         |           |        |      |        |                 |        |        |       |             |       | 2                               | DM   |    |    |
| 5443                       | First Creek Hall    | E        | 4094.7  | 1232.8    | 0      | 0    | 3406.9 | 985.9           | 685.3  | 246.9  | 0     | 0           | 0     | 2.5                             | 0    | 16 | CA |
|                            |                     |          |         |           |        |      |        |                 |        |        |       |             |       | 150                             | CA   |    |    |
|                            |                     |          |         |           |        |      |        |                 |        |        |       |             |       | 10                              | AN   |    |    |
| 5445                       | Upper First Creek   | E        | 4186.8  | 2563.4    | 0      | 0    | 4186.8 | 2472.4          | 0      | 91.0   | 0     | 0           | 0     | 0                               | 6    | CA |    |
|                            |                     |          |         |           |        |      |        |                 |        |        |       |             |       | 207                             | AN   |    |    |
|                            |                     |          |         |           |        |      |        |                 |        |        |       |             |       | 5                               | DM   |    |    |
|                            |                     |          |         |           |        |      |        |                 |        |        |       |             |       | 10                              | DM   |    |    |
| 5454                       | Dog Creek           | E        | 2024.6  | 496.9     | 0      | 0    | 239.7  | 0               | 1692.0 | 496.9  | 82.0  | 0           | 10.9  | 0                               | 7    | CA |    |
|                            |                     |          |         |           |        |      |        |                 |        |        |       |             |       | 153                             | CA   |    |    |
|                            |                     |          |         |           |        |      |        |                 |        |        |       |             |       | 3                               | AN   |    |    |
|                            |                     |          |         |           |        |      |        |                 |        |        |       |             |       | 5                               | DM   |    |    |
| Sub Total<br>Existing AMPs |                     |          | 273630  | 122362    | 2131   | 1046 | 193983 | 78665           | 68511  | 39436  | 1831  | 593         | 9174  | 2722                            |      |    |    |

| SEASON<br>OF USE  | CURRENT<br>AUMs | REC. STOCKING<br>RATE/AUMs |              | POTEN. FORAGE<br>PRODUCTION |              | ALTERNATIVE A<br>ENHAN. CONVENT.<br>VEG. USES |              | ALTERNATIVE B<br>CONT. OF<br>PRESENT Mgmt. |              | ALTERNATIVE C<br>ENHANCED<br>LIVST. FORAGE |              | ALTERNATIVE D<br>ENHANCED<br>WATER/ANIMAL/LIFE |              | ALTERNATIVE E<br>NO LIVESTOCK<br>GRAZING |          | ALTERNATIVE F<br>NO ACTION |              |              |
|-------------------|-----------------|----------------------------|--------------|-----------------------------|--------------|---|--------------|--|--------------|--|--------------|--|--------------|--|----------|----------------------------|--------------|--------------|
|                   |                 | BLW                        | OTHER        | BLW                         | OTHER        | BLW   | OTHER        | ST   | LT           | ST   | LT           | ST   | LT           | ST                                       | LT       | ST                         | LT           |              |
| 03/01-02/28       | 329             | 299                        | 328          | 382                         | 794          | 559   | 329          | 461  | 329          | 401  | 528          | 623  | 221          | 236                                      | 0        | 0                          | 329          | 329          |
| 03/01-03/31       |                 |                            |              |                             |              |   |              |  |              |  |              |  |              |  |          |                            |              |              |
| 04/01-03/31       | 6               |                            |              |                             |              |   |              |  |              |  |              |  |              |  |          |                            |              |              |
| 04/01-03/31       | 17              |                            |              |                             |              |   |              |  |              |  |              |  |              |  |          |                            |              |              |
| 03/01-02/28       | 1243            | 248                        | 2196         | 458                         | 3474         | 807   | 1243         | 1661                                       | 1243         | 1661                                       | 2196         | 3191   | 861          | 1137                                     | 0        | 0                          | 1243         | 1243         |
| 03/01-03/31       |                 |                            |              |                             |              |   |              |  |              |  |              |  |              |  |          |                            |              |              |
| 04/01-03/31       | 25              |                            |              |                             |              |   |              |  |              |  |              |  |              |  |          |                            |              |              |
| 04/01-03/31       | 74              |                            |              |                             |              |   |              |  |              |  |              |  |              |  |          |                            |              |              |
| 03/01-02/28       | 709             | 30                         | 1711         | 70                          | 2290         | 93  | 709          | 865  | 709          | 865  | 1711         | 2356   | 472          | 519                                      | 0        | 0                          | 709          | 709          |
| 03/01-03/31       |                 |                            |              |                             |              |   |              |  |              |  |              |  |              |  |          |                            |              |              |
| 04/01-03/31       | 17              |                            |              |                             |              |   |              |  |              |  |              |  |              |  |          |                            |              |              |
| 04/01-03/31       | 50              |                            |              |                             |              |   |              |  |              |  |              |  |              |  |          |                            |              |              |
| 03/01-04/30       | 179             | 183                        | 227          | 75                          | 307          | 101   | 179          | 218  | 179          | 218  | 245          | 442  | 121          | 121                                      | 0        | 0                          | 179          | 179          |
| 04/01-03/31       | 3               |                            |              |                             |              |   |              |  |              |  |              |  |              |  |          |                            |              |              |
| 04/01-03/31       | 5               |                            |              |                             |              |   |              |  |              |  |              |  |              |  |          |                            |              |              |
| 03/01-02/28       | 842             | 265                        | 936          | 272                         | 1332         | 393   | 842          | 1027                                       | 842          | 1027                                       | 936          | 1895   | 584          | 589                                      | 0        | 0                          | 842          | 842          |
| 03/01-11/18       |                 |                            |              |                             |              |   |              |  |              |  |              |  |              |  |          |                            |              |              |
| 04/01-03/31       | 8               |                            |              |                             |              |   |              |  |              |  |              |  |              |  |          |                            |              |              |
| 04/01-03/31       | 24              |                            |              |                             |              |   |              |  |              |  |              |  |              |  |          |                            |              |              |
| 03/01-02/27       | 723             | 595                        | 1101         | 658                         | 1478         | 896   | 723          | 882  | 723          | 882  | 1101         | 2150   | 484          | 484                                      | 0        | 0                          | 723          | 723          |
| 03/01-10/31       |                 |                            |              |                             |              |   |              |  |              |  |              |  |              |  |          |                            |              |              |
| 04/01-03/31       | 8               |                            |              |                             |              |   |              |  |              |  |              |  |              |  |          |                            |              |              |
| 04/01-03/31       | 24              |                            |              |                             |              |   |              |  |              |  |              |  |              |  |          |                            |              |              |
| 03/01-02/27       | 306             | 80                         | 333          | 83                          | 642          | 167   | 306          | 567  | 306          | 567  | 333          | 677  | 43           | 215                                      | 0        | 0                          | 306          | 306          |
| 04/15-05/14       |                 |                            |              |                             |              |   |              |  |              |  |              |  |              |  |          |                            |              |              |
| 04/01-03/31       | 5               |                            |              |                             |              |   |              |  |              |  |              |  |              |  |          |                            |              |              |
| 04/01-03/31       | 12              |                            |              |                             |              |   |              |  |              |  |              |  |              |  |          |                            |              |              |
| <b>Sub Totals</b> | <b>49260</b>    | <b>23577</b>               | <b>60656</b> | <b>26883</b>                | <b>88888</b> | <b>37897</b>                                  | <b>49260</b> | <b>62170</b>                               | <b>49260</b> | <b>62170</b>                               | <b>61960</b> | <b>104372</b>                                  | <b>31219</b> | <b>36663</b>                             | <b>0</b> | <b>0</b>                   | <b>49260</b> | <b>49260</b> |

## PHILLIPS RESOURCE AREA NON-NMP

| ALLOT.<br>NO. | ALLOTMENT<br>NAME    | MGT<br>NO. | ACRES  | EXCELLENT |   |       | GOOD  |        |       | RANGE CONDITION |   |       | UNSUITABLE |       |       | GRAZING<br>ANIMALS                    |                                      |       |
|---------------|----------------------|------------|--------|-----------|---|-------|-------|--------|-------|-----------------|---|-------|------------|-------|-------|---------------------------------------|--------------------------------------|-------|
|               |                      |            |        | BLM       |   | OTHER | BLM   |        | OTHER | BLM             |   | OTHER | BLM        |       | OTHER | BLM                                   |                                      | OTHER |
|               |                      |            |        | N         | S | 0     | N     | S      | 0     | N               | S | 0     | N          | S     | 0     | N                                     | S                                    | 0     |
| 5016          | Leibel Coulee        | N          | 298.0  |           |   | 0     |       |        | 0     |                 |   | 0     |            |       | 0     |                                       |                                      | 0     |
| 5025          | Middle Frenchman     | N          | 1186.6 | 2846.5    | 0 | 0     | 785.8 | 1708.7 | 117.6 | 720.5           | 0 | 0     | 283.2      | 417.3 | 190   | 1 CA<br>1 AN<br>1 DM<br>16 DM         |                                      |       |
| 5046          | N. Cowie Coulee      | N          | 501.4  | 0         | 0 | 0     | 501.4 | 0      | 0     | 0               | 0 | 0     | 0          | 0     | 0     | 9                                     | 1 CA<br>1 AN<br>1 DM                 |       |
| 5048          | County Lines         | N          | 40.0   | 205.5     | 0 | 0     | 14.0  | 6.9    | 26.0  | 196.4           | 0 | 0     | 0          | 0     | 2.2   | 1 CA<br>1 AN<br>1 DM                  |                                      |       |
| 5050          | Kegel Coulee         | N          | 241.5  | 625.7     | 0 | 0     | 145.5 | 318.6  | 73.9  | 280.3           | 0 | 0     | 22.1       | 26.8  | 3     | 1 CA<br>1 AN<br>2 DM<br>1 DM<br>1 DM  |                                      |       |
| 5054          | Bloyn Coulee         | N          | 319.9  | 358.0     | 0 | 0     | 319.9 | 358.0  | 0     | 0               | 0 | 0     | 0          | 0     | 0     | 6                                     | 1 CA<br>1 AN<br>1 DM                 |       |
| 5055          | Martin Lake Coulee   | N          | 262.9  | 0         | 0 | 0     | 210.9 | 0      | 48.9  | 0               | 0 | 0     | 0          | 3.1   | 0     | 4                                     | 1 CA<br>1 AN<br>1 DM                 |       |
| 5057          | Dry Bag Coulee       | N          | 39.8   | 0         | 0 | 0     | 39.8  | 0      | 0     | 0               | 0 | 0     | 0          | 0     | 0     | 1                                     | 1 CA<br>1 AN<br>1 DM                 |       |
| 5060          | South Dibble Coulee  | N          | 40.0   | 0         | 0 | 0     | 40.0  | 0      | 0     | 0               | 0 | 0     | 0          | 0     | 0     | 1                                     | 1 CA<br>1 AN<br>1 DM                 |       |
| 5061          | Upper Sink Coulee    | N          | 479.2  | 0         | 0 | 0     | 410.3 | 0      | 68.9  | 0               | 0 | 0     | 0          | 0     | 0     | 8                                     | 1 CA<br>1 AN<br>1 DM                 |       |
| 5077          | Ash Coulee           | N          | 156.5  | 0         | 0 | 0     | 111.0 | 0      | 36.7  | 0               | 0 | 0     | 0          | 8.8   | 0     | 2                                     | 1 CA<br>1 AN<br>2 AS<br>1 DM<br>1 DM |       |
| 5081          | Forty                | N          | 40.0   | 0         | 0 | 0     | 0     | 0      | 40.0  | 0               | 0 | 0     | 0          | 0     | 0     | 1                                     | 1 CA<br>1 AN<br>1 DM                 |       |
| 5082          | Bench                | N          | 80.0   | 0         | 0 | 0     | 80.0  | 0      | 0     | 0               | 0 | 0     | 0          | 0     | 0     | 2                                     | 1 CA<br>1 AN<br>1 DM                 |       |
| 5102          | Upper N. Fork Mud    | N          | 120.0  | 0         | 0 | 0     | 40.0  | 80.0   | 0     | 0               | 0 | 0     | 0          | 0     | 0     | 2                                     | 1 CA<br>1 AN<br>1 DM                 |       |
| 5103          | S. Joiner Coulee     | N          | 878.6  | 1118.7    | 0 | 0     | 545.6 | 623.6  | 325.1 | 489.6           | 0 | 0     | 7.9        | 5.5   | 2     | 92 CA<br>1 AN<br>2 DM                 |                                      |       |
| 5105          | Upper Pierson Coulee | N          | 80.0   | 0         | 0 | 0     | 0     | 0      | 80.0  | 0               | 0 | 0     | 0          | 0     | 0     | 3                                     | 1 CA<br>1 AN<br>1 DM                 |       |
| 5114          | Milk River           | N          | 1145.7 | 0         | 0 | 0     | 995.2 | 0      | 82.0  | 0               | 0 | 0     | 68.5       | 0     | 3     | 1 CA<br>1 AN<br>18 AN<br>1 DM<br>2 DM |                                      |       |
| 5118          | Lower Stinky Creek   | N          | 439.8  | 0         | 0 | 0     | 183.9 | 0      | 244.4 | 0               | 0 | 0     | 0          | 11.5  | 0     | 7                                     | 1 CA<br>1 AN<br>2 DM<br>5 DM         |       |
| 5119          | E. Stinky Creek      | N          | 120.6  | 0         | 0 | 0     | 96.2  | 0      | 17.8  | 0               | 0 | 0     | 0          | 6.6   | 0     | 2                                     | 1 CA<br>1 AN<br>1 DM                 |       |
| 5120          | W. Stinky Creek      | N          | 40.0   | 0         | 0 | 0     | 40.0  | 0      | 0     | 0               | 0 | 0     | 0          | 0     | 0     | 1                                     | 1 CA<br>1 AN<br>1 DM<br>1 DM         |       |
| 5121          | Little Coulee        | N          | 79.8   | 0         | 0 | 0     | 79.8  | 0      | 0     | 0               | 0 | 0     | 0          | 0     | 0     | 1                                     | 1 CA<br>1 AN<br>1 DM                 |       |

| SEASON<br>OF CSE | CURRENT AIMS | REC. STOCKING<br>RATE/ACT <sup>6</sup> | POTEN. FORAGE<br>PRODUCTION | ENAN. COMBINED<br>VEG. USES | ALTERNATIVE A |       | ALTERNATIVE B |       | ALTERNATIVE C |     | ALTERNATIVE D |     | ALTERNATIVE E |     | ALTERNATIVE F |     |     |
|------------------|--------------|--|-----------------------------|-----------------------------|---------------|-------|---------------|-------|---------------|-----|---------------|-----|---------------|-----|---------------|-----|-----|
|                  |              |  |                             |                             | BLW           | OTHER | BLW           | OTHER | ST            | LT  | ST            | LT  | ST            | LT  | ST            | LT  |     |
| 03/01-02/28      |              | 58                                     |                             |                             |               |       |               |       | 58            | 58  | 58            | 58  | 58            | 58  | 58            | 58  |     |
| 04/01-03/31      | 3            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 08/01-10/31      | 128          | 443                                    | 176                         | 518                         | 246           | 762   | 128           | 128   | 128           | 128 | 176           | 176 | 128           | 128 |               |     |     |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               | 128 | 128 |
| 04/01-11/30      | 10           |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 12/01-03/31      | 13           |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 112          |  | 173                         |                             | 231           |       | 112           | 112   | 112           | 112 | 173           | 173 | 112           | 112 |               |     |     |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               | 112 | 112 |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               | 9   | 9   |
| 03/01-02/28      | 9            |  | 8                           | 38                          | 15            | 74    | 9             | 9     | 9             | 9   | 8             | 8   | 9             | 9   |               |     |     |
| 04/01-03/31      | 3            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 37           |  | 49                          | 122                         | 75            | 199   | 37            | 37    | 37            | 37  | 49            | 49  | 37            | 37  |               |     |     |
| 04/01-03/31      | 1            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               | 37  | 37  |
| 12/01-03/31      | 1            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 04/01-11/30      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 12/01-03/31      | 1            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 73           |  | 83                          | 90                          | 111           | 121   | 73            | 73    | 73            | 73  | 83            | 83  | 73            | 73  |               |     |     |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               | 73  | 73  |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 50           |  | 63                          |                             | 90            |       | 50            | 50    | 50            | 50  | 63            | 63  | 50            | 50  |               |     |     |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               | 50  | 50  |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 12           |  | 11                          |                             | 14            |       | 12            | 12    | 12            | 12  | 11            | 11  | 12            | 12  |               |     |     |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               | 12  | 12  |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 9            |  | 12                          |                             | 16            |       | 9             | 9     | 9             | 9   | 12            | 12  | 9             | 9   |               |     |     |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               | 9   | 9   |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 90           |  | 115                         |                             | 160           |       | 90            | 90    | 90            | 90  | 115           | 115 | 90            | 90  |               |     |     |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               | 90  | 90  |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 27           |  | 32                          |                             | 48            |       | 27            | 27    | 27            | 27  | 32            | 32  | 27            | 27  |               |     |     |
| 04/01-11/30      | 1            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               | 27  | 27  |
| 12/01-03/31      | 1            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 04/01-11/30      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 12/01-03/31      | 1            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 10           |  | 8                           |                             | 15            |       | 10            | 10    | 10            | 10  | 8             | 8   | 10            | 10  |               |     |     |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               | 10  | 10  |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 15           |  | 21                          |                             | 28            |       | 15            | 15    | 15            | 15  | 21            | 21  | 15            | 15  |               |     |     |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               | 15  | 15  |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 27           |  | 26                          |                             | 44            |       | 27            | 27    | 27            | 27  | 26            | 26  | 27            | 27  |               |     |     |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               | 27  | 27  |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 190          | 382                                    | 230                         | 255                         | 343           | 392   | 190           | 190   | 190           | 190 | 230           | 230 | 190           | 190 |               |     |     |
| 05/01-10/31      |              |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               | 190 | 190 |
| 04/01-03/31      | 5            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 5            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 18           |  | 15                          |                             | 30            |       | 18            | 18    | 18            | 18  | 15            | 15  | 18            | 18  |               |     |     |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               | 18  | 18  |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 31           |  | 250                         |                             | 346           |       | 31            | 31    | 31            | 31  | 250           | 250 | 31            | 31  |               |     |     |
| 04/01-11/30      | 1            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               | 31  | 31  |
| 12/01-03/31      | 9            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 04/01-11/30      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 12/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 80           |  | 90                          |                             | 153           |       | 80            | 80    | 80            | 80  | 90            | 90  | 80            | 80  |               |     |     |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               | 80  | 80  |
| 04/01-11/30      | 3            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 12/01-03/31      | 4            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 19           |  | 23                          |                             | 33            |       | 19            | 19    | 19            | 19  | 23            | 23  | 19            | 19  |               |     |     |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               | 19  | 19  |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 6            |  | 10                          |                             | 14            |       | 6             | 6     | 6             | 6   | 10            | 10  | 6             | 6   |               |     |     |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               | 6   | 6   |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 1            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 17           |  | 25                          |                             | 34            |       | 17            | 17    | 17            | 17  | 25            | 25  | 17            | 17  |               |     |     |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               | 17  | 17  |
| 04/01-03/31      | 2            |  |                             |                             |               |       |               |       |               |     |               |     |               |     |               |     |     |

## PHILLIPS RESOURCE AREA NON-ANP's CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME        | MOT<br>SIS | ACRES  | EXCELLENT |       | GOOD |       | RANGE CONDITION |       | POOR  |       | UNUSUAL |       | GRAZING<br>ANIMALS<br>NO.s | CL.S |
|---------------|--------------------------|------------|--------|-----------|-------|------|-------|-----------------|-------|-------|-------|---------|-------|----------------------------|------|
|               |                          |            |        | BLK       | OTHER | BLK  | OTHER | BLK             | OTHER | BLK   | OTHER | BLK     | OTHER |                            |      |
| 5123          | Brush Coules             |            | 359.6  | 0         | 0     | 0    | 0     | 36.0            | 0     | 160.0 | 0     | 0       | 0     | 4.0                        | 0    |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 4                          | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 2                          | DM   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | DM   |
| 5124          | Burnt Shed Coules        | N          | 200.0  | 0         | 0     | 0    | 0     | 36.0            | 0     | 160.0 | 0     | 0       | 0     | 4.0                        | 0    |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 4                          | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | DM   |
| 5125          | McChesney Res.           | N          | 80.0   | 0         | 0     | 0    | 0     | 80.0            | 0     | 0     | 0     | 0       | 0     | 0                          | 0    |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | DM   |
| 5126          | Leske Coules             | N          | 112.5  | 0         | 0     | 0    | 0     | 87.6            | 0     | 24.9  | 0     | 0       | 0     | 0                          | 0    |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 2                          | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | DM   |
| 5128          | E. Lower Slinky          | N          | 50.0   | 0         | 0     | 0    | 0     | 18.0            | 0     | 32.0  | 0     | 0       | 0     | 0                          | 0    |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | DM   |
| 5137          | Goerts Coules            | N          | 40.0   | 0         | 0     | 0    | 0     | 40.0            | 0     | 0     | 0     | 0       | 0     | 0                          | 0    |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | DM   |
| 5138          | E. Sheep Coules          | N          | 79.8   | 0         | 0     | 0    | 0     | 76.9            | 0     | 2.9   | 0     | 0       | 0     | 0                          | 0    |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 2                          | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 2                          | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 2                          | DM   |
| 5139          | Sheep Coules             | N          | 599.3  | 0         | 0     | 0    | 0     | 497.5           | 0     | 101.8 | 0     | 0       | 0     | 0                          | 0    |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 12                         | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 2                          | DM   |
| 5140          | Williams Coules          | N          | 199.3  | 0         | 0     | 0    | 0     | 119.5           | 0     | 80.0  | 0     | 0       | 0     | 0                          | 0    |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 3                          | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | DM   |
| 5142          | E. Dodson Creek          | N          | 333.5  | 0         | 0     | 0    | 0     | 333.5           | 0     | 0     | 0     | 0       | 0     | 0                          | 0    |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 6                          | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | DM   |
| 5145          | E. Eureka Creek          | N          | 280.0  | 0         | 0     | 0    | 0     | 169.4           | 0     | 100.0 | 0     | 0       | 0     | 0                          | 0    |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 5                          | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | DM   |
| 5146          | Vaughn Coules            | N          | 359.6  | 0         | 0     | 0    | 0     | 359.6           | 0     | 0     | 0     | 0       | 0     | 0                          | 0    |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 4                          | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | DM   |
| 5147          | Lower Vaughn Coules      | N          | 79.9   | 0         | 0     | 0    | 0     | 79.9            | 0     | 0     | 0     | 0       | 0     | 0                          | 0    |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | DM   |
| 5148          | Upper Spring Creek       | N          | 240.0  | 0         | 0     | 0    | 0     | 0               | 0     | 240.0 | 0     | 0       | 0     | 0                          | 0    |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 4                          | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | DM   |
| 5149          | Spring Creek             | N          | 1207.8 | 0         | 0     | 0    | 0     | 1042.8          | 0     | 142.8 | 0     | 0       | 0     | 22.2                       | 0    |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 16                         | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 3                          | DM   |
| 5151          | Dry Coules               | N          | 120.0  | 0         | 0     | 0    | 0     | 120.0           | 0     | 0     | 0     | 0       | 0     | 0                          | 0    |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 3                          | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | DM   |
| 5156          | Lower Assiniboine Creek  | N          | 368.6  | 645.6     | 0     | 0    | 0     | 453.4           | 483.1 | 114.9 | 134.0 | 0       | 0     | 0.3                        | 28.5 |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 39                         | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 16                         | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | DM   |
| 5157          | Lower Rattlesnake Coules | N          | 79.8   | 0         | 0     | 0    | 0     | 77.8            | 0     | 0     | 0     | 0       | 0     | 2.0                        | 0    |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | DM   |
| 5158          | Upper Mount Coules       | N          | 319.5  | 0         | 0     | 0    | 0     | 163.7           | 0     | 149.7 | 0     | 0       | 0     | 6.1                        | 0    |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 6                          | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | DM   |
| 5303          | Canty Coules             | N          | 1023.7 | 0         | 0     | 0    | 0     | 852.8           | 0     | 138.0 | 0     | 0       | 0     | 32.9                       | 0    |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 18                         | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 2                          | DM   |
| 5308          | McNeil Slough            | N          | 215.4  | 0         | 0     | 0    | 0     | 0               | 0     | 215.4 | 0     | 0       | 0     | 0                          | 0    |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 5                          | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | DM   |
| 5311          | Nelson Reservoir         | N          | 77.8   | 104.0     | 0     | 0    | 0     | 0               | 0     | 77.8  | 104.0 | 0       | 0     | 0                          | 0    |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 2                          | CA   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | AN   |
|               |                          |            |        |           |       |      |       |                 |       |       |       |         |       | 1                          | DM   |

| SEASON OF USE | CURRENT ALM <sup>a</sup> | REC. STOCKING RATE/ACRE | POTEN. FORAGE PRODUCTION | ALTERNATIVE A |       | ALTERNATIVE B |       | ALTERNATIVE C |     | ALTERNATIVE D |     | ALTERNATIVE E |     | ALTERNATIVE F |     |
|---------------|--------------------------|-------------------------|--------------------------|---------------|-------|---------------|-------|---------------|-----|---------------|-----|---------------|-----|---------------|-----|
|               |                          |                         |                          | BLM           | OTHER | BLM           | OTHER | ST            | LT  | ST            | LT  | ST            | LT  | ST            | LT  |
| 03/01-02/28   |                          |                         | 53                       |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-03/31   |                          |                         | 88                       |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-11/30   |                          |                         | 120                      |               |       |               |       |               |     |               |     |               |     |               |     |
| 12/01-03/31   |                          |                         |                          |               |       |               |       | 53            | 53  | 53            | 53  | 53            | 53  | 53            | 53  |
| 03/01-02/28   | 45                       |                         | 29                       |               |       | 53            |       | 45            | 45  | 45            | 45  | 29            | 29  | 45            | 45  |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-11/30   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 12/01-03/31   | 1                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 6                        |                         | 29                       |               |       | 38            |       | 6             | 6   | 6             | 6   | 29            | 29  | 6             | 6   |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 23                       |                         | 27                       |               |       | 40            |       | 23            | 23  | 23            | 23  | 27            | 27  | 23            | 23  |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 8                        |                         | 10                       |               |       | 18            |       | 8             | 8   | 8             | 8   | 10            | 10  | 8             | 8   |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 9                        |                         | 10                       |               |       | 13            |       | 9             | 9   | 9             | 9   | 10            | 10  | 9             | 9   |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 20                       |                         | 21                       |               |       | 28            |       | 20            | 20  | 20            | 20  | 21            | 21  | 20            | 20  |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 145                      |                         | 158                      |               |       | 223           |       | 145           | 145 | 145           | 145 | 158           | 158 | 145           | 145 |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 5                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 42                       |                         | 41                       |               |       | 64            |       | 42            | 42  | 42            | 42  | 41            | 41  | 42            | 42  |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 69                       |                         | 88                       |               |       | 119           |       | 69            | 69  | 69            | 69  | 88            | 88  | 69            | 69  |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 58                       |                         | 51                       |               |       | 78            |       | 58            | 58  | 58            | 58  | 51            | 51  | 58            | 58  |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 50                       |                         | 95                       |               |       | 127           |       | 50            | 50  | 50            | 50  | 95            | 95  | 50            | 50  |
| 04/04-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/03-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 8                        |                         | 24                       |               |       | 32            |       | 8             | 8   | 8             | 8   | 24            | 24  | 8             | 8   |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 51                       |                         | 40                       |               |       | 80            |       | 51            | 51  | 51            | 51  | 40            | 40  | 51            | 51  |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 188                      |                         | 290                      |               |       | 409           |       | 188           | 188 | 188           | 188 | 290           | 290 | 188           | 188 |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 7                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 30                       |                         | 34                       |               |       | 46            |       | 30            | 30  | 30            | 30  | 34            | 34  | 30            | 30  |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 03/01-09/30   | 60                       |                         | 135                      |               |       | 136           |       | 197           | 201 | 60            | 60  | 60            | 136 | 136           | 60  |
| 04/01-11/30   | 7                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 12/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-11/30   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 12/01-03/31   | 1                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 12                       |                         | 19                       |               |       | 26            |       | 12            | 12  | 12            | 12  | 19            | 19  | 12            | 12  |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-11/30   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 12/01-03/31   | 1                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 69                       |                         | 67                       |               |       | 106           |       | 69            | 69  | 69            | 69  | 67            | 67  | 69            | 69  |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 207                      |                         | 245                      |               |       | 345           |       | 207           | 207 | 207           | 207 | 245           | 245 | 207           | 207 |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 5                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 03/01-01/24   | 54                       |                         | 32                       |               |       | 63            |       | 54            | 54  | 54            | 54  | 32            | 32  | 54            | 54  |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-03/28   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 22                       |                         | 15                       |               |       | 20            |       | 30            | 40  | 22            | 22  | 22            | 15  | 15            | 22  |
| 04/01-11/30   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 04/01-03/31   | 2                        |                         |                          |               |       |               |       |               |     |               |     |               |     |               |     |
| 03/01-02/28   | 22                       |                         | 22                       |               |       | 22            |       | 22            | 22  | 22            | 22  | 22            | 22  | 22            | 22  |

## PHILLIPS RESOURCE AREA NON-AMPS CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME    | MGT<br>NO. | ACRES  | EXCELLENT |       | GOOD |        | RANGE CONDITION |       | POOR  |       | UNUSUITABLE |       | GRAZING<br>ANIMALS<br>NO. | CLAS                                 |
|---------------|----------------------|------------|--------|-----------|-------|------|--------|-----------------|-------|-------|-------|-------------|-------|---------------------------|--------------------------------------|
|               |                      |            |        | BLM       | OTHER | BLM  | OTHER  | BLM             | OTHER | BLM   | OTHER | BLM         | OTHER |                           |                                      |
| 5313          | W. Saco Dump         | N          | 95.7   | 0         |       | 0    | 0      | 51.2            | 0     | 37.4  | 0     | 0           | 0     | 7.1                       |                                      |
|               |                      |            |        |           |       |      |        |                 |       |       |       |             |       |                           |                                      |
| 5314          | N. First Creek       | N          | 262.7  | 1006.1    | 0     | 0    | 160.0  | 339.2           | 84.9  | 628.0 | 0     | 0           | 17.8  | 38.9                      | 3 CA<br>1 AN<br>1 DM                 |
|               |                      |            |        |           |       |      |        |                 |       |       |       |             |       |                           |                                      |
| 5315          | N. Cactus Flat       | N          | 165.8  | 0         | 0     | 0    | 0      | 165.8           | 0     | 0     | 0     | 0           | 0     | 0                         | 1 CA<br>2 AN<br>1 DM                 |
|               |                      |            |        |           |       |      |        |                 |       |       |       |             |       |                           |                                      |
| 5318          | Cactus Flat          | N          | 155.8  | 0         | 0     | 0    | 0      | 155.8           | 0     | 0     | 0     | 0           | 0     | 0                         | 1 CA<br>1 AN<br>1 DM                 |
|               |                      |            |        |           |       |      |        |                 |       |       |       |             |       |                           |                                      |
| 5326          | Delaney Coulee       | N          | 40.0   | 174.9     | 0     | 0    | 40.0   | 174.9           | 0     | 0     | 0     | 0           | 0     | 0                         | 1 DM<br>1 CA<br>1 AN                 |
|               |                      |            |        |           |       |      |        |                 |       |       |       |             |       |                           |                                      |
| 5327          | N. Rocky Point       | N          | 102.0  | 0         | 0     | 0    | 102.0  | 0               | 0     | 0     | 0     | 0           | 0     | 0                         | 1 DM<br>2 CA<br>1 AN                 |
|               |                      |            |        |           |       |      |        |                 |       |       |       |             |       |                           |                                      |
| 5330          | Devison Coulee       | N          | 400.7  | 0         | 0     | 0    | 154.9  | 0               | 245.8 | 0     | 0     | 0           | 0     | 0                         | 1 DM<br>8 CA<br>2 AN                 |
|               |                      |            |        |           |       |      |        |                 |       |       |       |             |       |                           |                                      |
| 5333          | S. Dodson Canal      | N          | 40.0   | 0         | 0     | 0    | 0      | 28.0            | 0     | 12.0  | 0     | 0           | 0     | 0                         | 3 DM<br>1 CA<br>1 AN                 |
|               |                      |            |        |           |       |      |        |                 |       |       |       |             |       |                           |                                      |
| 5335          | Turnell Coulee       | N          | 229.6  | 0         | 0     | 0    | 102.9  | 126.7           | 0     | 0     | 0     | 0           | 0     | 0                         | 1 DM<br>4 CA<br>1 AN                 |
|               |                      |            |        |           |       |      |        |                 |       |       |       |             |       |                           |                                      |
| 5337          | N. Cleston Coulees   | N          | 830.8  | 0         | 0     | 0    | 830.8  | 0               | 0     | 0     | 0     | 0           | 0     | 0                         | 1 DM<br>15 CA<br>1 AN                |
|               |                      |            |        |           |       |      |        |                 |       |       |       |             |       |                           |                                      |
| 5340          | N. Alkali Lake       | N          | 159.7  | 0         | 0     | 0    | 159.1  | 0               | 0     | 0     | 0     | 0           | 0.6   | 0                         | 1 DM<br>1 CA<br>1 AN                 |
|               |                      |            |        |           |       |      |        |                 |       |       |       |             |       |                           |                                      |
| 5342          | Upper Crooks Coulees | N          | 547.1  | 0         | 0     | 0    | 498.7  | 0               | 0     | 0     | 0     | 0           | 48.4  | 0                         | 1 DM<br>11 CA<br>1 AN                |
|               |                      |            |        |           |       |      |        |                 |       |       |       |             |       |                           |                                      |
| 5346          | N. Third Creek       | N          | 399.6  | 0         | 0     | 0    | 362.0  | 0               | 0     | 0     | 0     | 0           | 37.6  | 0                         | 3 DM<br>1 DM<br>6 CA<br>1 AN<br>2 DM |
|               |                      |            |        |           |       |      |        |                 |       |       |       |             |       |                           |                                      |
| 5347          | West Coulee          | N          | 100.0  | 0         | 0     | 0    | 90.0   | 0               | 0     | 0     | 0     | 0           | 10.0  | 0                         | 1 CA<br>1 AN<br>1 DM<br>1 DM         |
|               |                      |            |        |           |       |      |        |                 |       |       |       |             |       |                           |                                      |
| 5358          | N. Seven Mile        | N          | 32.0   | 0         | 0     | 0    | 32.0   | 0               | 0     | 0     | 0     | 0           | 0     | 0                         | 1 CA<br>1 AN<br>1 DM                 |
|               |                      |            |        |           |       |      |        |                 |       |       |       |             |       |                           |                                      |
| 5360          | S. Lenoir Coulee     | N          | 182.9  | 0         | 0     | 0    | 67.0   | 0               | 92.9  | 0     | 0     | 0           | 23.0  | 0                         | 3 CA<br>1 AN<br>1 DM                 |
|               |                      |            |        |           |       |      |        |                 |       |       |       |             |       |                           |                                      |
| 5346          | Middle Black Coulees | N          | 40.0   | 0         | 0     | 0    | 40.0   | 0               | 0     | 0     | 0     | 0           | 0     | 0                         | 1 CA<br>1 AN<br>1 DM                 |
|               |                      |            |        |           |       |      |        |                 |       |       |       |             |       |                           |                                      |
| 5365          | Junction             | N          | 319.5  | 159.8     | 0     | 0    | 159.9  | 159.8           | 159.6 | 0     | 0     | 0           | 0     | 0                         | 7 CA<br>1 AN<br>1 DM                 |
|               |                      |            |        |           |       |      |        |                 |       |       |       |             |       |                           |                                      |
| 5367          | E. Alkali            | N          | 1319.0 | 0         | 0     | 0    | 1014.2 | 0               | 304.8 | 0     | 0     | 0           | 0     | 0                         | 22 CA<br>2 AN<br>3 DM                |
|               |                      |            |        |           |       |      |        |                 |       |       |       |             |       |                           |                                      |
| 5380          | W. Bench             | N          | 159.5  | 0         | 0     | 0    | 133.0  | 0               | 20.8  | 0     | 0     | 0           | 5.7   | 0                         | 2 CA<br>1 AN<br>1 DM                 |
|               |                      |            |        |           |       |      |        |                 |       |       |       |             |       |                           |                                      |
| 5380          | Upper Cow Creek      | N          | 161.0  | 0         | 0     | 0    | 93.0   | 68.0            | 0     | 0     | 0     | 0           | 0     | 0                         | 2 CA<br>1 AN<br>1 DM                 |

| SEASON<br>OF USE | CURRENT ALUMs | REC. STOCKING<br>RATE/ALUMs | PUTEN, FORAGE<br>PRODUCTION | ALTERNATIVE A                     |     | ALTERNATIVE B            |     | ALTERNATIVE C             |     | ALTERNATIVE D              |     | ALTERNATIVE E           |     | ALTERNATIVE F |     |
|------------------|---------------|-----------------------------|-----------------------------|-----------------------------------|-----|--------------------------|-----|---------------------------|-----|----------------------------|-----|-------------------------|-----|---------------|-----|
|                  |               |                             |                             | ENHANCED<br>COMBINED<br>VEG. USED |     | CONT. OF<br>PRESENT MGT. |     | ENHANCED<br>LIVST. FORAGE |     | ENHANCED<br>WATER/WILDLIFE |     | NO LIVESTOCK<br>GRAZING |     | NO ACTION     |     |
|                  |               |                             |                             | ST                                | LT  | ST                       | LT  | ST                        | LT  | ST                         | LT  | ST                      | LT  | ST            | LT  |
| 04/01-03/31      | 21            |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 03/01-02/28      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 37            |                             | 45                          | 167                               | 68  | 285                      | 37  | 37                        | 37  | 45                         | 45  | 37                      | 37  |               | 37  |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 03/01-02/28      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 14            |                             | 20                          | 40                                |     | 14                       | 14  | 14                        | 14  | 20                         | 20  | 14                      | 14  |               | 14  |
| 04/01-03/31      | 3             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 03/01-02/28      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 16            |                             | 19                          | 38                                |     | 16                       | 16  | 16                        | 16  | 19                         | 19  | 16                      | 16  |               | 16  |
| 04/01-11/30      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-11/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 12/01-03/31      | 9             |                             | 11                          | 50                                | 15  | 67                       | 9   | 9                         | 9   | 9                          | 11  | 11                      | 9   | 9             | 9   |
| 03/01-02/28      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 24            |                             | 26                          | 35                                |     | 24                       | 24  | 24                        | 24  | 26                         | 26  | 24                      | 24  |               | 24  |
| 03/01-02/28      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 93            |                             | 85                          | 150                               |     | 93                       | 93  | 93                        | 93  | 85                         | 85  | 93                      | 93  |               | 93  |
| 03/01-02/28      | 3             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 7             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 8             |                             | 7                           | 15                                |     | 8                        | 8   | 8                         | 8   | 7                          | 7   | 8                       | 8   |               | 8   |
| 03/01-02/28      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 46            |                             | 50                          | 82                                |     | 46                       | 46  | 46                        | 46  | 50                         | 50  | 46                      | 46  |               | 46  |
| 03/01-02/28      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 92            |                             | 210                         | 283                               |     | 92                       | 92  | 92                        | 92  | 210                        | 210 | 92                      | 92  |               | 92  |
| 03/01-02/28      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 16            |                             | 39                          | 52                                |     | 16                       | 16  | 16                        | 16  | 39                         | 39  | 16                      | 16  |               | 16  |
| 03/01-02/28      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 133           |                             | 117                         | 158                               |     | 133                      | 133 | 133                       | 133 | 117                        | 117 | 133                     | 133 |               | 133 |
| 03/01-02/28      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 12/01-03/31      | 66            |                             | 74                          | 105                               |     | 66                       | 66  | 66                        | 66  | 79                         | 79  | 66                      | 66  |               | 66  |
| 04/01-11/30      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 03/01-02/28      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 12/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 03/01-02/28      | 17            |                             | 19                          | 26                                |     | 17                       | 17  | 17                        | 17  | 19                         | 19  | 17                      | 17  |               | 17  |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 12/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-11/30      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 03/01-02/28      | 7             |                             | 9                           | 12                                |     | 7                        | 7   | 7                         | 7   | 9                          | 9   | 7                       | 7   |               | 7   |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 03/01-02/28      | 34            |                             | 36                          | 58                                |     | 34                       | 34  | 34                        | 34  | 36                         | 36  | 34                      | 34  |               | 34  |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 03/01-02/28      | 7             |                             | 11                          | 15                                |     | 7                        | 7   | 7                         | 7   | 11                         | 11  | 7                       | 7   |               | 7   |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 03/01-02/28      | 78            |                             | 76                          | 41                                | 121 | 55                       | 78  | 78                        | 78  | 76                         | 76  | 78                      | 78  |               | 78  |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 03/01-02/28      | 267           |                             | 337                         | 487                               |     | 267                      | 267 | 267                       | 267 | 337                        | 337 | 267                     | 267 |               | 267 |
| 04/01-03/31      | 3             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 7             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 03/01-02/28      | 29            |                             | 39                          | 54                                |     | 29                       | 29  | 29                        | 29  | 39                         | 39  | 29                      | 29  |               | 29  |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 03/01-02/28      | 19            |                             | 39                          | 60                                |     | 19                       | 19  | 19                        | 19  | 39                         | 39  | 19                      | 19  |               | 19  |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |
| 04/01-03/31      | 2             |                             |                             |                                   |     |                          |     |                           |     |                            |     |                         |     |               |     |

## PHILLIPS RESOURCE AREA NON AMPs CONTINUED

| ALLOT.<br>NO.      | ALLOTMENT<br>NAME | MOT<br>STS | ACRES  | EXCELLENT |       | GOOD |       | RANGE CONDITION |       | POOR |       | UNSUITABLE |       | CRAZING<br>ANIMALS |     |  |
|--------------------|-------------------|------------|--------|-----------|-------|------|-------|-----------------|-------|------|-------|------------|-------|--------------------|-----|--|
|                    |                   |            |        | BLM       | OTHER | BLM  | OTHER | BLM             | OTHER | BLM  | OTHER | BLM        | OTHER | NO.                | CLS |  |
| 5383               | Upper W. Alkali   | N          | 169.8  | 0         | 0     | 0    | 0     | 169.8           | 0     | 0    | 0     | 0          | 0     | 3                  | CA  |  |
|                    |                   |            |        |           |       |      |       |                 |       |      |       |            |       | 1                  | AN  |  |
|                    |                   |            |        |           |       |      |       |                 |       |      |       |            |       | 1                  | DM  |  |
| 5395               | South DHS Creek   | N          | 120.0  | 0         | 0     | 0    | 0     | 120.0           | 0     | 0    | 0     | 0          | 0     | 1                  | CA  |  |
|                    |                   |            |        |           |       |      |       |                 |       |      |       |            |       | 1                  | AN  |  |
|                    |                   |            |        |           |       |      |       |                 |       |      |       |            |       | 1                  | DM  |  |
| 5396               | Upper DHS Creek   | N          | 400.0  | 0         | 0     | 0    | 298.0 | 0               | 102.0 | 0    | 0     | 0          | 0     | 6                  | CA  |  |
|                    |                   |            |        |           |       |      |       |                 |       |      |       |            |       | 1                  | AN  |  |
|                    |                   |            |        |           |       |      |       |                 |       |      |       |            |       | 1                  | DM  |  |
| 5412               | Shed Coules       | N          | 968.5  | 32.7      | 0     | 0    | 797.9 | 28.7            | 0     | 0    | 0     | 0          | 0     | 5                  | CA  |  |
|                    |                   |            |        |           |       |      |       |                 |       |      |       |            |       | 1                  | AN  |  |
|                    |                   |            |        |           |       |      |       |                 |       |      |       |            |       | 2                  | DM  |  |
| 5418               | Wild Horse        | N          | 1005.2 | 0         | 0     | 0    | 34.4  | 0               | 965.4 | 0    | 0     | 0          | 0     | 12                 | CA  |  |
|                    |                   |            |        |           |       |      |       |                 |       |      |       |            |       | 3                  | HO  |  |
|                    |                   |            |        |           |       |      |       |                 |       |      |       |            |       | 1                  | AN  |  |
|                    |                   |            |        |           |       |      |       |                 |       |      |       |            |       | 2                  | DM  |  |
| 3421               | Cabbage Coules    | N          | 799.0  | 239.8     | 0     | 0    | 705.2 | 204.9           | 79.8  | 0    | 0     | 0          | 34.9  | 15                 | CA  |  |
|                    |                   |            |        |           |       |      |       |                 |       |      |       |            |       | 1                  | AN  |  |
|                    |                   |            |        |           |       |      |       |                 |       |      |       |            |       | 2                  | DM  |  |
| 5422               | Spring Coules     | N          | 388.0  | 0         | 0     | 0    | 140.0 | 0               | 240.0 | 0    | 0     | 0          | 0     | 6                  | CA  |  |
|                    |                   |            |        |           |       |      |       |                 |       |      |       |            |       | 1                  | AN  |  |
|                    |                   |            |        |           |       |      |       |                 |       |      |       |            |       | 1                  | DM  |  |
| 5425               | Upper Whiterock   | N          | 1286.5 | 0         | 0     | 0    | 809.8 | 0               | 430.9 | 0    | 0     | 0          | 0     | 20                 | CA  |  |
|                    |                   |            |        |           |       |      |       |                 |       |      |       |            |       | 2                  | AN  |  |
|                    |                   |            |        |           |       |      |       |                 |       |      |       |            |       | 3                  | DM  |  |
| SUB TOTAL NON-AMPS |                   |            | 24097  | 7517      | 0     | 0    | 16752 | 4406            | 6448  | 2533 | 12    | 35         | 885   | 523                |     |  |

## PHILLIPS RESOURCE AREA UNALLOCATED TRACTS

| ALLOT.<br>NO.         | ALLOTMENT<br>NAME        | MOT<br>STS | ACRES  | EXCELLENT |       | GOOD |        | RANGE CONDITION |        | POOR  |       | UNSUITABLE |       | CRAZING<br>ANIMALS |     |
|-----------------------|--------------------------|------------|--------|-----------|-------|------|--------|-----------------|--------|-------|-------|------------|-------|--------------------|-----|
|                       |                          |            |        | BLM       | OTHER | BLM  | OTHER  | BLM             | OTHER  | BLM   | OTHER | BLM        | OTHER | NO.                | CLS |
| 5366                  | Water Holding Post       | N          | 479.5  | 0         | 0     | 0    | 479.5  | 0               | 0      | 0     | 0     | 0          | 0     | 1                  | AN  |
|                       |                          |            |        |           |       |      |        |                 |        |       |       |            |       | 1                  | DM  |
| 5462                  | First Creek Holding Post | N          | 480.0  | 0         | 0     | 0    | 480.0  | 0               | 0      | 0     | 0     | 0          | 0     | 1                  | AN  |
|                       |                          |            |        |           |       |      |        |                 |        |       |       |            |       | 1                  | DM  |
| SUB TOTAL UNALLOCATED |                          |            | 960    |           |       |      | 960    |                 |        |       |       |            |       |                    |     |
| TOTAL PHILLIPS RA     |                          |            | 742483 | 304777    | 3026  | 1299 | 344680 | 212410          | 165136 | 82318 | 2803  | 1199       | 26838 | 7531               |     |



## VALLEY RESOURCE AREA PROPOSED ANFs (Not proposed in Alternative B)

| ALLOT.<br>NO. | ALLOTMENT<br>NAME     | NGT<br>SIS | ACRES  | RANGE CONDITION       |                  |                  | BLM<br>0 | POOR<br>0 | UNUSUITABLE<br>0 | GRAZING<br>ANIMALS<br>NO. CLS |
|---------------|-----------------------|------------|--------|-----------------------|------------------|------------------|----------|-----------|------------------|-------------------------------|
|               |                       |            |        | EXCELLENT<br>BLM<br>0 | GOOD<br>BLM<br>0 | FAIR<br>BLM<br>0 |          |           |                  |                               |
| 4001          | Crow Creek            | P          | 2434.4 | 319.6                 | 853.4            | 14.9             | 1388.6   | 304.7     | 150.4            | 103 CA<br>2 AN<br>5 DM        |
| 4006          | Bluff Creek           | P          | 1918.4 | 1589.8                | 0                | 0                | 995.9    | 1247.1    | 922.5            | 342.7                         |
| 4010          | W. Fork Rock Creek    | P          | 2698.3 | 1357.0                | 0                | 0                | 1624.6   | 933.5     | 1073.4           | 424.0                         |
| 4011          | North Chambers Creek  | P          | 141.1  | 1027.2                | 0                | 0                | 102.0    | 924.2     | 38.5             | 103.0                         |
| 4012          | Lower Tomato Creek    | P          | 5252.2 | 1781.3                | 54.8             | 2.0              | 4073.2   | 1447.3    | 1080.6           | 288.2                         |
| 4013          | N. Tomato Creek       | P          | 1408.3 | 26.8                  | 118.8            | 0                | 821.8    | 26.8      | 467.7            | 0                             |
| 4014          | N. Fork Rock Creek    | P          | 3842.5 | 2385.4                | 0                | 0                | 1841.5   | 1761.7    | 1975.6           | 606.2                         |
| 4016          | Upper Morgan Creek    | P          | 997.3  | 735.2                 | 0                | 0                | 571.3    | 664.3     | 415.3            | 67.9                          |
| 4020          | Monksy Coulees        | P          | 1719.9 | 209.0                 | 0                | 0                | 1069.5   | 35.8      | 185.9            | 147.9                         |
| 4021          | Upper Little Snake    | P          | 1406.3 | 0                     | 0                | 0                | 550.4    | 0         | 849.0            | 0                             |
| 4026          | E. S. Fork Rock Creek | P          | 1626.5 | 1209.6                | 0                | 0                | 1132.4   | 419.8     | 491.7            | 768.8                         |
| 4029          | Upper E. Fork Willow  | P          | 958.7  | 39.8                  | 0                | 0                | 628.2    | 0         | 320.5            | 39.8                          |
| 4030          | Two Mile Coulee       | P          | 1935.5 | 1034.3                | 0                | 0                | 1244.5   | 992.2     | 458.4            | 29.7                          |
| 4031          | Lower Little Snake    | P          | 830.3  | 0                     | 0                | 0                | 799.8    | 0         | 30.5             | 0                             |
| 4032          | Lower Snake Creek     | P          | 3928.1 | 3661.0                | 0                | 0                | 307.8    | 2233.1    | 1648.1           | 1661.0                        |
| 4035          | Little Snake Creek    | P          | 553.6  | 214.5                 | 0                | 0                | 152.8    | 69.6      | 400.8            | 144.9                         |
| 4037          | N. Snake Creek        | P          | 569.3  | 206.0                 | 0                | 0                | 551.3    | 206.0     | 18.0             | 0                             |
| 4038          | S. Snake Creek        | P          | 788.6  | 384.6                 | 0                | 94.0             | 250.4    | 195.7     | 538.2            | 94.8                          |

| SEASON<br>OF USE | CURRENT<br>AUMs | REC.<br>BLK | STOCKING<br>BLK | POTEN.<br>GRNG | PRODUCTION | ENHAR.<br>BLK | COMBINED<br>VEG. USES | ALTERNATIVE A |     | ALTERNATIVE B |      | ALTERNATIVE C |     | ALTERNATIVE D |     | ALTERNATIVE E |     | ALTERNATIVE F |     |
|------------------|-----------------|-------------|-----------------|----------------|------------|---------------|-----------------------|---------------|-----|---------------|------|---------------|-----|---------------|-----|---------------|-----|---------------|-----|
|                  |                 |             |                 |                |            |               |                       | ST            | LT  | ST            | LT   | ST            | LT  | ST            | LT  | ST            | LT  | ST            | LT  |
| 06/01-09/30      |                 | 370         | 52              | 401            | 57         | 684           | 112                   | 370           | 431 | 370           | 370  | 401           | 717 | 278           | 409 |               |     | 370           | 370 |
| 04/01-03/31      | 3               |             |                 |                |            |               |                       | 12            |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      |                 |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 06/16-06/30      | 286             | 371         | 422             | 427            | 665        | 607           | 286                   | 349           | 286 | 286           | 422  | 757           | 220 | 276           |     |               | 286 | 286           |     |
| 07/21-09/30      |                 |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 2               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 10              |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/16-07/19      | 374             | 362         | 660             | 360            | 1010       | 526           | 574                   | 700           | 574 | 574           | 660  | 1325          | 185 | 281           |     |               | 574 | 574           |     |
| 10/14-11/01      |                 |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 3               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 12              |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 03/01-02/28      | 28              |             | 39              | 313            | 57         | 429           | 28                    | 34            | 28  | 28            | 39   | 62            | 12  | 15            |     |               | 28  | 28            |     |
| 04/01-03/31      | 2               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 12/01-03/31      | 1               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-11/30      | 1               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 2               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 05/01-09/15      | 984             | 208         | 1352            | 484            | 1925       | 678           | 984                   | 1200          | 984 | 984           | 1352 | 2581          | 878 | 930           |     |               | 984 | 984           |     |
| 05/16-06/01      |                 |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 06/02-10/15      |                 |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 06/01-07/26      |                 |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 13/01-03/31      | 1               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 3               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-11/30      | 1               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-11/30      | 14              |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 17              |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 12/01-03/31      | 19              |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 09/16-10/20      | 287             |             | 367             | 9              | 535        | 11            | 287                   | 330           | 287 | 287           | 367  | 628           | 287 | 301           |     |               | 287 | 287           |     |
| 04/01-03/31      | 2               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 7               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 05/20-10/13      | 647             | 413         | 766             | 532            | 1231       | 779           | 647                   | 789           | 647 | 647           | 766  | 1433          | 460 | 609           |     |               | 647 | 647           |     |
| 06/01-07/31      |                 |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 3               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 19              |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 05/15-07/01      | 172             |             | 222             | 182            | 338        | 250           | 172                   | 210           | 172 | 172           | 222  | 330           | 72  | 96            |     |               | 172 | 172           |     |
| 08/15-10/15      |                 |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 2               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 5               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 09/08-10/31      | 51              | 25          | 223             | 28             | 316        | 52            | 51                    | 62            | 51  | 51            | 223  | 316           | 51  | 91            |     |               | 51  | 51            |     |
| 04/01-03/31      | 2               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-11/30      | 8               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 12/01-03/31      | 10              |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 06/01-09/30      | 253             |             | 271             |                | 456        |               | 253                   | 309           | 253 | 253           | 271  | 587           | 189 | 278           |     |               | 253 | 253           |     |
| 04/01-03/31      | 2               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 7               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 05/10-11/15      | 321             | 294         | 386             | 255            | 573        | 425           | 321                   | 392           | 321 | 321           | 386  | 764           | 216 | 237           |     |               | 321 | 321           |     |
| 06/01-09/31      |                 |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 2               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 10              |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 05/01-10/01      | 200             |             | 249             | 7              | 373        | 14            | 200                   | 244           | 200 | 200           | 249  | 498           | 120 | 142           |     |               | 200 | 200           |     |
| 04/01-03/31      | 2               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 5               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 03/01/03/31      | 236             |             | 170             | 359            | 269        | 523           | 365                   | 236           | 288 | 236           | 359  | 615           | 189 | 204           |     |               | 236 | 236           |     |
| 11/01-02/28      |                 |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 2               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-12/30      | 2               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 12/01-03/31      | 2               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-05/03      | 150             |             | 224             |                | 303        |               | 150                   | 336           | 150 | 150           | 224  | 430           |     |               |     |               | 150 | 150           |     |
| 04/01-03/31      | 2               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 5               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 05/01-06/15      | 651             | 256         | 846             | 875            | 1314       | 1334          | 651                   | 794           | 651 | 651           | 846  | 1540          | 428 | 551           |     |               | 651 | 651           |     |
| 05/15-09/20      |                 |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 05/15-06/15      |                 |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 08/01-09/22      |                 |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 2               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 10              |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 06/01-10/01      | 94              |             | 120             | 48             | 211        | 81            | 94                    | 174           | 94  | 94            | 120  | 271           | 71  | 123           |     |               | 94  | 94            |     |
| 04/01-03/31      | 2               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 2               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 06/01-07/05      | 117             | 38          | 158             | 64             | 213        | 85            | 117                   | 143           | 117 | 117           | 158  | 286           | 34  | 34            |     |               | 117 | 117           |     |
| 04/01-03/31      | 2               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 2               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 03/01-02/28      | 159             |             | 177             | 113            | 303        | 150           | 159                   | 230           | 159 | 159           | 177  | 448           | 119 | 166           |     |               | 159 | 159           |     |
| 03/01-02/28      |                 |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 2               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |
| 04/01-03/31      | 5               |             |                 |                |            |               |                       |               |     |               |      |               |     |               |     |               |     |               |     |

## VALLEY RESOURCE AREA PROPOSED AMP: CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME               | MOT<br># | SFS<br># | ACRES  | EXCELLENT |       | GOOD   |        | RANGE CONDITION |       | POOR  |       | UNSUITABLE |       | NO.<br>CLS | GRAZING<br>ANIMALS                   |
|---------------|---------------------------------|----------|----------|--------|-----------|-------|--------|--------|-----------------|-------|-------|-------|------------|-------|------------|--------------------------------------|
|               |                                 |          |          |        | BLM       | OTHER | BLM    | OTHER  | BLM             | OTHER | BLM   | OTHER | BLM        | OTHER |            |                                      |
| 4044          | Genevieve Hall                  | P        | 406.9    | 0      | 0         | 0     | 34.0   | 0      | 372.9           | 0     | 0     | 0     | 0          | 0     | 31         | 1 C<br>1 AN<br>1 DM                  |
| 4049          | West Snake Creek                | P        | 478.7    | 10.0   | 144.4     | 10.0  | 265.4  | 0      | 68.9            | 0     | 0     | 0     | 0          | 0     | 8          | 8 C<br>2 AN<br>1 DM                  |
| 4052          | Pet Reservoir                   | P        | 985.6    | 433.1  | 0         | 0     | 308.9  | 35.6   | 676.7           | 397.5 | 0     | 0     | 0          | 0     | 70         | 1 C<br>1 AN<br>2 DM<br>1 DM<br>3 DM  |
| 4056          | Upper W. Porcupine              | P        | 2379.5   | 1071.2 | 0         | 0     | 1862.7 | 347.9  | 360.7           | 722.2 | 150.9 | 0     | 5.2        | 1.1   | 140        | 8 C<br>4 C<br>1 AN<br>6 DM           |
| 4058          | Rudy Reservoir                  | P        | 969.0    | 0      | 8.0       | 0     | 698.3  | 0      | 46.7            | 0     | 216.0 | 0     | 0          | 0     | 70         | 1 C<br>1 AN<br>2 DM                  |
| 4059          | Wards Dam                       | P        | 2341.9   | 1579.5 | 0         | 0     | 1990.4 | 1204.1 | 351.5           | 175.4 | 0     | 0     | 0          | 0     | 140        | 1 C<br>1 AN<br>5 DM                  |
| 4061          | Lower W. Porcupine              | P        | 1322.2   | 1038.4 | 0         | 0     | 707.0  | 597.6  | 615.2           | 440.8 | 0     | 0     | 0          | 0     | 9          | 90 C<br>40 C<br>1 AN<br>3 DM         |
| 4066          | Cache Creek                     | P        | 965.1    | 0      | 0         | 0     | 578.4  | 0      | 386.7           | 0     | 0     | 0     | 0          | 0     | 25         | 25 C<br>15 C<br>18 C<br>1 AN<br>2 DM |
| 4067          | Papoose Creek                   | P        | 1758.1   | 636.4  | 0         | 0     | 1420.6 | 373.1  | 337.5           | 263.3 | 0     | 0     | 0          | 0     | 28         | 1 C<br>1 AN<br>8 DM                  |
| 4068          | Lower E. Fork Cache             | P        | 1002.5   | 23.7   | 0         | 0     | 821.9  | 21.0   | 178.9           | 2.7   | 0     | 0     | 1.7        | 0     | 174        | 1 C<br>1 AN<br>1 DM                  |
| 4069          | Lower Unger Coulee              | P        | 872.8    | 160.0  | 0         | 0     | 288.2  | 0      | 584.6           | 160.0 | 0     | 0     | 0          | 0     | 13         | 8 C<br>8 AN<br>5 AN<br>4 DM          |
| 4072          | Upper East Fork<br>Canyon Creek | P        | 1386.1   | 121.8  | 0         | 0     | 714.3  | 23.8   | 650.9           | 93.1  | 0     | 0     | 20.9       | 4.9   | 66         | 1 C<br>1 AN<br>4 DM                  |
| 4079          | S. Lime Creek                   | P        | 2485.6   | 6.9    | 6.9       | 0     | 1717.1 | 0      | 722.6           | 6.9   | 0     | 0     | 0          | 39.2  | 20         | 2 C<br>2 AN<br>5 DM                  |
| 4080          | Hall Coulee                     | P        | 2041.1   | 1005.5 | 0         | 0     | 971.8  | 531.1  | 1053.4          | 471.4 | 14.8  | 2.0   | 1.1        | 1.0   | 60         | 120 C<br>1 AN<br>4 DM                |
| 4082          | Black Coulee                    | P        | 1865.5   | 710.1  | 0         | 0     | 1504.9 | 615.5  | 341.5           | 89.8  | 0     | 0     | 19.1       | 4.8   | 20         | 45 C<br>65 C<br>84 C<br>1 AN<br>4 DM |
| 4083          | Lower S. Rock Creek             | P        | 480.9    | 0      | 115.9     | 0     | 344.6  | 0      | 19.8            | 0     | 0     | 0     | 0.6        | 0     | 8          | 2 AN<br>1 AN<br>1 AN<br>1 DM         |
| 4089          | Aikai Creek                     | P        | 917.8    | 237.5  | 0         | 0     | 381.5  | 136.8  | 336.5           | 100.7 | 197.8 | 0     | 2.0        | 0     | 41         | 24 C<br>1 AN<br>2 DM                 |
| 4091          | Lower Bear Creek                | P        | 799.2    | 470.5  | 0         | 0     | 359.6  | 96.0   | 438.3           | 444.5 | 0     | 0     | 1.3        | 0     | 67         | 1 C<br>1 AN<br>2 DM                  |
| 4098          | Lower Buggy Creek               | P        | 153.3    | 103.6  | 0         | 0     | 87.4   | 42.7   | 65.9            | 60.9  | 0     | 0     | 0          | 0     | 12         | 9 HO<br>1 AN<br>1 DM                 |

| SEASON<br>OF USE | CURRENT<br>AUMS | REC. STOCKING<br>RATE/AUMS |       | POTEN. FORAGE<br>PRODUCTION |       | ALTERNATIVE A<br>ENHAN. CONFINED<br>FEG. USED |       | ALTERNATIVE B<br>CONT. OF<br>PRESENT MNGT |     | ALTERNATIVE C<br>ENHANCED<br>LIVST. FORAGE |     | ALTERNATIVE D<br>ENHANCED<br>WATERWILDLIFE |     | ALTERNATIVE E<br>NO LIVESTOCK<br>GRAZING |     | ALTERNATIVE F<br>NO ACTION |     |  |
|------------------|-----------------|----------------------------|-------|-----------------------------|-------|---|-------|---|-----|--|-----|--|-----|--|-----|----------------------------|-----|--|
|                  |                 | BLK                        | OTHER | BLK                         | OTHER | BLK   | OTHER | BLK                                       | LT  | BLK  | LT  | BLK  | LT  | BLK                                      | LT  | BLK                        | LT  |  |
| 05/01-07/31      | 94              | 81                         | 156   | 94                          | 173   | 94  | 173   | 94  | 94  | 81   | 191 | 32   | 84  | 82                                       | 82  | 94                         | 94  |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 03/01-02/28      | 180             | 152                        | 3     | 191                         | 3     | 100   | 122   | 100                                       | 100 | 152  | 242 | 68   | 68  |  |     | 100                        | 100 |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 05/01-09/23      | 331             | 107                        | 227   | 89                          | 389   | 169   | 231   | 282                                       | 231 | 231  | 227 | 475  | 126 | 229                                      |     | 231                        | 231 |  |
| 04/01-03/31      | 5               | 5                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-11/30      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 12/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 05/01-09/23      | 393             | 257                        | 546   | 204                         | 807   | 350   | 393   | 479                                       | 393 | 393  | 546 | 1037                                       | 266 | 272                                      |     | 393                        | 393 |  |
| 06/01-09/23      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 14              | 14                         |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 05/01-09/13      | 310             | 233                        | 373   |                             |       |   | 310   | 378                                       | 310 | 310  | 233 | 424  | 170 | 181                                      |     | 310                        | 310 |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 5               | 5                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 05/01-01/06      | 535             | 335                        | 579   | 341                         | 816   | 481   | 535   | 653                                       | 535 | 535  | 579 | 1124                                       | 364 | 374                                      |     | 535                        | 535 |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 12              | 12                         |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/02-10/30      | 335             | 281                        | 219   | 446                         | 344   | 335   | 409   | 335                                       | 335 | 281  | 467 | 217  | 235 |  | 335 | 335                        |     |  |
| 04/01-08/03      |                 |                            |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 05/02-08/23      |                 |                            |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 7               | 7                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/16-05/13      | 244             | 232                        | 362   |                             |       |   | 244   | 264                                       | 244 | 244  | 232 | 372  | 174 | 198                                      |     | 244                        | 244 |  |
| 03/01-10/04      |                 |                            |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 06/01-09/30      |                 |                            |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 05/16-10/15      |                 |                            |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 3               | 3                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 03/01-02/28      | 339             | 454                        | 152   | 650                         | 236   | 339   | 414   | 339                                       | 339 | 434  | 771 | 228  | 228 |  | 339 | 339                        |     |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 19              | 19                         |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 06/16-07/15      | 174             | 254                        | 6     | 365                         | 8     | 174   | 212   | 174                                       | 174 | 254  | 425 | 87   | 87  |  | 174 | 174                        |     |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 03/01-02/28      | 158             | 202                        | 31    | 348                         | 61    | 158   | 193   | 158                                       | 158 | 202  | 417 | 106  | 182 |  | 158 | 158                        |     |  |
| 12/01-03/31      | 4               | 4                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-11/30      | 5               | 5                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 10              | 10                         |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/15-09/15      | 318             | 14                         | 280   | 19                          | 438   | 34  | 318   | 430                                       | 318 | 318  | 280 | 628  | 138 | 232                                      |     | 318                        | 318 |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 10              | 10                         |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/16-01/30      | 456             | 532                        | 1     | 802                         | 3     | 456   | 556   | 456                                       | 456 | 532  | 914 | 446  | 487 |  | 456 | 456                        |     |  |
| 04/01-03/31      | 3               | 3                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 12              | 12                         |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 10              | 10                         |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 10              | 10                         |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/15-09/15      | 343             | 187                        | 429   | 162                         | 618   | 238   | 343   | 418                                       | 343 | 343  | 429 | 855  | 244 | 244                                      |     | 343                        | 343 |  |
| 05/01-03/31      | 1               | 1                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 05/12-03/31      |                 |                            |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 06/01-11/15      |                 |                            |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 10              | 10                         |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 03/01-02/28      | 99              | 146                        | 182   |                             |       |   | 99    | 121                                       | 99  | 99   | 146 | 198  | 63  | 76                                       |     | 99                         | 99  |  |
| 12/01-03/31      | 1               | 1                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-11/30      | 1               | 1                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 06/16-10/15      | 179             | 51                         | 185   | 60                          | 343   | 95  | 179   | 218                                       | 179 | 179  | 185 | 324  | 163 | 207                                      |     | 179                        | 179 |  |
| 07/01-10/15      |                 |                            |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 5               | 5                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 05/16-09/15      | 168             | 100                        | 182   | 98                          | 295   | 190   | 168   | 205                                       | 168 | 168  | 192 | 361  | 105 | 138                                      |     | 168                        | 168 |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 5               | 5                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 07/01-09/30      | 37              | 18                         | 41    | 25                          | 64    | 42  | 37    | 45  | 37  | 37   | 41  | 60   | 35  | 45                                       |     | 37                         | 37  |  |
| 10/01-11/15      |                 |                            |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |
| 04/01-03/31      | 2               | 2                          |       |                             |       |   |       |   |     |  |     |  |     |  |     |                            |     |  |

## VALLEY RESOURCE AREA PROPOSED AMPS CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME     | MCT<br># | ACRES  | EXCELLENT |       | GOOD  |        | FAIR  |        | DANCE CONDITION |       | POOR |       | UNSUITABLE |       | GRAZING<br>ANIMALS |     |
|---------------|-----------------------|----------|--------|-----------|-------|-------|--------|-------|--------|-----------------|-------|------|-------|------------|-------|--------------------|-----|
|               |                       |          |        | BLM       | OTHER | BLM   | OTHER  | BLM   | OTHER  | BLM             | OTHER | BLM  | OTHER | BLM        | OTHER | NO.                | CLS |
|               |                       |          |        | 0         | 0     | 361.8 | 84.0   | 233.7 | 61.3   | 0               | 14.0  | 0    | 0     | 0          | 0     | 17                 |     |
| 4099          | Unger Coules*         | P        | 595.5  | 159.3     |       |       |        |       |        |                 |       |      |       |            |       | 27                 | C   |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 5                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 2                  | DM  |
| 4100          | S. Spring Creek       | P        | 317.7  | 159.6     | 0     | 0     | 29.0   | 7.8   | 288.7  | 151.8           | 0     | 0    | 0     | 0          | 2     | ND                 |     |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 5                  | C   |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 3                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 3                  | DM  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | DM  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | DM  |
| 4101          | Antelope Spring       | P        | 1217.9 | 427.3     | 0     | 0     | 712.8  | 142.6 | 490.2  | 284.7           | 14.9  | 0    | 0     | 0          | 0     | 31                 | C   |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 26                 | C   |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 3                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 3                  | DM  |
| 4102          | Dry Coules            | P        | 2451.5 | 425.2     | 0     | 0     | 1404.0 | 139.9 | 1047.5 | 283.3           | 0     | 0    | 0     | 0          | 43    | C                  |     |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 33                 | C   |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 18                 | C   |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 6                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 5                  | DM  |
| 4103          | Upper Mooney Coules   | P        | 913.7  | 184.3     | 0     | 0     | 656.0  | 153.3 | 257.7  | 31.0            | 0     | 0    | 0     | 0          | 18    | C                  |     |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 10                 | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 2                  | DM  |
| 4106          | Upper Richardson      | P        | 3247.6 | 167.7     | 34    | 0     | 2071.0 | 92.9  | 1092.0 | 74.8            | 50.6  | 0    | 0     | 0          | 0     | 20                 | C   |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | C   |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 19                 | C   |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 22                 | C   |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 14                 | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 6                  | DM  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 13                 | C   |
| 4109          | Cherry Creek          | P        | 3821.3 | 559.2     | 0     | 0     | 2908.9 | 177.7 | 748.8  | 381.0           | 0     | 0    | 0     | 163.6      | 0.5   | 1                  | C   |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | C   |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 38                 | C   |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 45                 | C   |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 140                | C   |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 140                | C   |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 38                 | Y   |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 28                 | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 2                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 16                 | DM  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 2                  | DM  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 6                  | DM  |
| 4111          | Foss Coules           | P        | 2809.0 | 359.3     | 0     | 0     | 1781.8 | 336.0 | 918.2  | 22.8            | 74.8  | 0    | 34.2  | 0.5        | 102   | C                  |     |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 15                 | C   |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 10                 | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 6                  | DM  |
| 4112          | Upper Spring Creek    | P        | 4143.5 | 2437.5    | 0     | 0     | 2132.7 | 904.9 | 1455.1 | 1529.0          | 517.2 | 0    | 38.5  | 3.6        | 260   | C                  |     |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 3                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 8                  | DM  |
| 4117          | Chapman Coules        | P        | 779.9  | 25.9      | 0     | 0     | 719.0  | 25.9  | 60.9   | 0               | 0     | 0    | 0     | 0          | 0     | 10                 | C   |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 2                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 2                  | DM  |
| 4121          | Lower Cherry Creek    | P        | 1846.8 | 52.7      | 0     | 0     | 1276.0 | 0     | 570.8  | 52.7            | 0     | 0    | 0     | 0          | 0     | 122                | C   |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 30                 | C   |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 2                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 4                  | DM  |
| 4125          | Lower Porcupine Creek | P        | 349.4  | 608.2     | 0     | 0     | 190.0  | 246.6 | 94.0   | 290.8           | 0     | 0    | 65.4  | 70.8       | 2     | C                  |     |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 3                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | DM  |
| 4200          | Lower Porcupine Creek | P        | 701.1  | 43.9      | 0     | 0     | 332.1  | 35.2  | 306.2  | 0               | 0     | 0    | 62.8  | 8.7        | 16    | C                  |     |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 8                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | AN  |
|               |                       |          |        |           |       |       |        |       |        |                 |       |      |       |            |       | 1                  | DM  |

| SEASONS OF USE | CURRENT AUMs | REC. STOCKING RATE/AUM | POTEN. PUGAGE PRODUCTION | ALTERNATIVE A |       |      |       | ALTERNATIVE B |       |     |     | ALTERNATIVE C |      |     |     | ALTERNATIVE D |    |     |    | ALTERNATIVE E |    |     |    | ALTERNATIVE F |     |  |
|----------------|--------------|------------------------|--------------------------|---------------|-------|------|-------|---------------|-------|-----|-----|---------------|------|-----|-----|---------------|----|-----|----|---------------|----|-----|----|---------------|-----|--|
|                |              |                        |                          | BLW           | OTHER | BLW  | OTHER | BLW           | OTHER | BLW | LT  | BLW           | LT   | BLW | LT  | BLW           | LT | BLW | LT | BLW           | LT | BLW | LT | BLW           | LT  |  |
| 05/01-09/30    | 111          |                        | 159                      | 34            | 221   | 58   |       |               | 111   | 135 | 111 | 111           | 139  | 213 | 77  | 92            | 81 | 81  | 81 | 81            | 81 | 81  | 81 | 81            | 81  |  |
| 10/01-10/31    | 3            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 12/01-01/31    | 3            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-11/30    | 9            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 9            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 03/01-02/28    | 78           |                        |                          | 62            | 31    | 119  | 60    | 78            | 118   | 78  | 78  | 62            | 119  | 48  | 74  |               |    |     |    |               |    |     |    | 78            | 78  |  |
| 03/01-02/28    |              |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 12/01-01/31    | 2            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-11/30    | 1            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 12/01-03/31    | 2            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-11/30    | 2            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 2            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 03/01-02/28    | 78           |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 03/01-02/28    |              |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 12/01-01/31    | 2            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-11/30    | 1            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 1            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 7            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/16-10/15    | 244          | 63                     | 294                      | 96            | 454   | 165  | 244   | 298           | 244   | 244 | 294 | 586           | 159  | 201 |     |               |    |     |    |               |    |     |    | 244           | 244 |  |
| 05/23-10/15    |              |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 12/01-03/31    | 2            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-11/30    | 1            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 12/01-03/31    | 2            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 2            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 2            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 03/01-02/28    | 210          |                        | 235                      | 49            | 344   | 70   | 210   | 256           | 210   | 210 | 235 | 462           | 138  | 155 |     |               |    |     |    |               |    |     |    | 210           | 210 |  |
| 12/01-03/31    | 5            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-11/30    | 1            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 5            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 05/16-10/15    | 613          | 57                     | 797                      | 41            | 1208  | 64   | 613   | 748           | 613   | 613 | 797 | 1581          | 429  | 512 |     |               |    |     |    |               |    |     |    | 613           | 613 |  |
| 06/10-10/15    |              |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 05/16-10/15    |              |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 12/01-03/31    | 7            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-11/30    | 1            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 2            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-11/30    | 2            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 14           |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 03/01-05/31    | 668          | 95                     | 817                      | 128           | 1174  | 226  | 668   | 813           | 668   | 668 | 817 | 1404          | 414  | 478 |     |               |    |     |    |               |    |     |    | 668           | 668 |  |
| 10/01-02/28    |              |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 03/01-02/28    |              |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 05/01-03/31    |              |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 05/01-06/10    |              |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 07/10-09/22    |              |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 06/10-09/30    |              |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 06/10-09/30    |              |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-11/30    | 15           |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-11/30    | 2            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 2            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 12/01-03/31    | 13           |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-11/30    | 3            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 14           |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 05/05-11/05    | 553          | 69                     | 820                      | 88            | 964   | 121  | 553   | 675           | 553   | 553 | 620 | 1033          | 359  | 417 |     |               |    |     |    |               |    |     |    | 553           | 553 |  |
| 05/05-11/05    |              |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 12/01-03/31    | 3            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 1            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 2            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 14           |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 05/01-11/15    | 906          | 19                     | 788                      | 823           | 510   | 1392 | 865   | 906           | 1105  | 906 | 906 | 825           | 1787 | 635 | 906 |               |    |     |    |               |    |     |    | 906           | 906 |  |
| 04/01-03/31    | 19           |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 19           |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 03/01-02/28    | 124          |                        | 230                      | 7             | 314   | 10   | 124   | 151           | 124   | 124 | 230 | 348           | 84   | 106 |     |               |    |     |    |               |    |     |    | 124           | 124 |  |
| 12/01-03/31    | 1            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-11/30    | 1            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 2            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 5            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/15-09/30    | 824          |                        | 455                      | 11            | 683   | 21   | 824   | 1005          | 824   | 824 | 455 | 885           | 515  | 543 |     |               |    |     |    |               |    |     |    | 824           | 824 |  |
| 04/15-09/30    |              |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 12/01-03/31    | 1            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-11/30    | 1            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 2            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 10           |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 03/01-02/28    | 30           |                        | 49                       | 102           | 74    | 169  | 30    | 37            | 30    | 30  | 49  | 66            | 22   | 33  |     |               |    |     |    |               |    |     |    | 30            | 30  |  |
| 12/01-03/31    | 2            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-11/30    | 1            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 2            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 2            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 05/01-11/01    | 97           |                        | 120                      | 7             | 193   | 10   | 97    | 117           | 97    | 97  | 120 | 216           | 81   | 101 |     |               |    |     |    |               |    |     |    | 97            | 97  |  |
| 12/01-03/31    | 4            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-11/30    | 1            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 2            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |
| 04/01-03/31    | 2            |                        |                          |               |       |      |       |               |       |     |     |               |      |     |     |               |    |     |    |               |    |     |    |               |     |  |

## VALLEY RESOURCE AREA PROPOSED AMPS CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME           | MGT<br>STS | ACRES  | EXCELLENT |       | GOOD |        | FAIR   |        | POOR   |       | UNSUITABLE |       | CRAZING<br>ANIMALS<br>NO. | CLS   |   |               |
|---------------|-----------------------------|------------|--------|-----------|-------|------|--------|--------|--------|--------|-------|------------|-------|---------------------------|---|---|---------------|
|               |                             |            |        | BLM       | OTHER | BLM  | OTHER  | BLM    | OTHER  | BLM    | OTHER | BLM        | OTHER |                           |   |   |               |
| 4308          | Spring Creek                | P          | 2957.7 | 2162.2    | 50.0  | 88.8 | 2384.1 | 1850.4 | 477.6  | 224.8  | 0     | 0          | 46.0  | 18.2                      | 244<br>5<br>5<br>90<br>2<br>6<br>6<br>DM        | V<br>Y<br>Y<br>AN<br>AN<br>AN<br>DM     |               |
| 4309          | West Fork                   | P          | 3126.1 | 3240.9    | 0     | 0    | 2686.1 | 2824.1 | 435.2  | 414.0  | 0     | 0          | 4.8   | 2.8                       | 112<br>12<br>62<br>45<br>45<br>6<br>1<br>1<br>7 | C<br>C<br>C<br>C<br>C<br>AN<br>AN<br>DM |               |
| 4312          |                             | P          | 318.8  | 319.2     | 0     | 0    | 113.9  | 227.6  | 199.1  | 91.6   | 0     | 0          | 5.8   | 0                         | 6<br>2<br>1<br>1<br>1                           | C<br>AN<br>AN<br>AN<br>DM               |               |
| 4510          | Big Coulee                  | P          | 755.5  | 169.7     | 0     | 0    | 260.7  | 38.0   | 474.5  | 131.7  | 0     | 0          | 20.3  | 0                         | 3<br>20<br>5<br>1<br>3                          | DM<br>C<br>C<br>AN<br>DM                |               |
| 4511          | Kent Coulee                 | P          | 516.6  | 0         | 0     | 0    | 516.6  | 0      | 0      | 0      | 0     | 0          | 0     | 0                         | 4<br>1<br>2                                     | C<br>AN<br>DM                           |               |
| 4512          | McNab Coulee                | P          | 1109.5 | 474.6     | 0     | 0    | 688.2  | 223.2  | 411.2  | 246.7  | 0     | 0          | 0     | 0                         | 351<br>175<br>2<br>5                            | C<br>C<br>AN<br>DM                      |               |
| 4513          | Rattlesnake (Allot)         | P          | 902.0  | 10.9      | 0     | 0    | 902.0  | 10.9   | 0      | 0      | 0     | 0          | 0     | 0                         | 28<br>1<br>4                                    | C<br>AN<br>DM                           |               |
| 4514          | Upper McNab Coulee          | P          | 2172.1 | 717.3     | 0     | 0    | 2087.3 | 717.3  | 84.8   | 0      | 0     | 0          | 0     | 0                         | 97<br>3<br>8                                    | C<br>AN<br>DM                           |               |
| 4515          | Chain Reservoir             | P          | 319.3  | 0         | 0     | 0    | 156.5  | 0      | 162.8  | 0      | 0     | 0          | 0     | 0                         | 105<br>1<br>1                                   | C<br>AN<br>DM                           |               |
| 4516          | Tame Pasture                | P          | 340.8  | 1164.1    | 0     | 0    | 212.0  | 948.8  | 128.8  | 214.2  | 0     | 0          | 0     | 1.1                       | 9<br>1<br>1                                     | C<br>AN<br>DM                           |               |
| 4518          | Ash Coulee                  | P          | 735.3  | 687.9     | 0     | 0    | 298.9  | 149.6  | 436.1  | 538.3  | 0     | 0          | 0.3   | 0                         | 14<br>1<br>2                                    | C<br>AN<br>DM                           |               |
| 4519          | Larb Creek                  | P          | 3073.8 | 2014.3    | 0     | 0    | 2286.0 | 1831.8 | 787.8  | 182.5  | 0     | 0          | 0     | 0                         | 304<br>304<br>5<br>15                           | C<br>C<br>AN<br>DM                      |               |
| 4521          | Upper Buffalo Coulee        | P          | 714.6  | 0         | 0     | 0    | 23.7   | 0      | 674.1  | 0      | 0     | 0          | 0     | 16.8                      | 0   | 35<br>131<br>1                          | C<br>AN<br>DM |
| 4527          | Sandstone Allot.            | P          | 1894.1 | 413.0     | 0     | 0    | 1266.2 | 185.4  | 627.9  | 227.6  | 0     | 0          | 0     | 0                         | 100<br>100<br>3<br>7                            | C<br>C<br>AN<br>DM                      |               |
| 4529          | Square Coulee               | P          | 730.0  | 291.2     | 0     | 0    | 364.5  | 90.6   | 364.0  | 197.8  | 0     | 0          | 1.5   | 2.8                       | 20<br>2<br>3<br>3                               | C<br>AN<br>DM                           |               |
| 4533          | Upper Antelope Creek        | P          | 1879.9 | 2382.9    | 0     | 0    | 668.2  | 1219.0 | 1175.2 | 1156.6 | 0     | 0          | 36.5  | 7.3                       | 180<br>3<br>4                                   | C<br>AN<br>DM                           |               |
| 4534          | North Fork - Antelope Creek | P          | 2646   | 2764.8    | 0     | 0    | 980.6  | 376.2  | 1615.0 | 2366.7 | 0     | 0          | 50.4  | 21.9                      | 84<br>3<br>5                                    | C<br>AN<br>DM                           |               |
| 4538          | Lower Hardscrabble          | P          | 1117.3 | 592.4     | 0     | 0    | 114.6  | 23.3   | 993.3  | 564.7  | 0     | 0          | 9.4   | 4.4                       | 57<br>2<br>2                                    | C<br>AN<br>DM                           |               |
| 4541          | Lower Hay Coulee            | P          | 569.0  | 318.9     | 0     | 0    |        | 8.7    | 558.7  | 305.3  | 0     | 0          | 10.3  | 4.9                       | 28<br>1<br>1                                    | C<br>AN<br>DM                           |               |

| SEASON<br>OF USE | CURRENT<br>AUMS | REG. STOCKING<br>POTEN. FORAGE<br>PRODUCTION |       |     |       | ALTERNATIVE A<br>ENCLAS. CORRIGED<br>VEG. USES |       | ALTERNATIVE B<br>PRESNT. MONTL<br>LIVG. FORAGE |     | ALTERNATIVE C<br>ENHANCED<br>LIVG. FORAGE |     | ALTERNATIVE D<br>ENHANCED<br>WATERSHED/LIFE |     | ALTERNATIVE E<br>NO LIVESTOCK<br>GRAZING |     | ALTERNATIVE F<br>NO ACTION |     |     |
|------------------|-----------------|--|-------|-----|-------|--|-------|--|-----|---|-----|---|-----|--|-----|----------------------------|-----|-----|
|                  |                 | BLM  | OTHER | BLM | OTHER | BLM  | OTHER | ST   | LT  | ST  | LT  | ST  | LT  | ST                                       | LT  | ST                         | LT  |     |
| 04/16-05/31      | 631             | 474  | 689   | 550 | 977   | 759  | 631   | 770  | 631 | 631                                       | 689 | 1171  | 367 | 398                                      | 631 | 631                        | 631 | 631 |
| 06/15-08/15      |                 |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 10/22-10/31      |                 |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 | 3  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 | 14   |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/16-10/15      | 674             | 932  | 735   | 817 | 1028  | 1153   | 674   | 822  | 674 | 674                                       | 735 | 1394  | 406 | 414                                      |     |                            | 674 | 674 |
| 07/01-10/31      |                 |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 05/01-10/31      |                 |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 | 20   |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/20-10/19      |                 |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 12/01-03/31      |                 | 3  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-11/30      |                 | 1  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 | 2  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 | 17   |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 03/01-02/28      | 54              | 65   | 82    | 107 | 119   | 54   | 66    | 54   | 54  | 65  | 117 | 40  | 65  |  |     | 54                         | 54  |     |
| 12/01-03/31      | 1               |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-11/30      |                 | 1  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 | 2  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 | 2  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 12/01-03/31      | 107             | 140  | 34    | 232 | 61    | 107  | 131   | 107  | 107 | 140                                       | 269 | 44  | 85  |  |     | 107                        | 107 |     |
| 04/01-03/31      |                 |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/15-10/15      |                 |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 | 2  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 | 7  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 03/01-02/28      | 54              | 145  |       | 194 |       | 54   | 82    | 54   | 54  | 145                                       | 227 | 38  | 38  |  |     | 54                         | 54  |     |
| 04/01-03/31      |                 | 2  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 | 5  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 03/05-03/25      | 228             | 116  | 246   | 99  | 379   | 159  | 228   | 278  | 228 | 228                                       | 248 | 405   | 158 | 188                                      |     | 228                        | 228 |     |
| 02/26-04/12      |                 |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 | 3  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 | 12   |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-11/01      | 199             | 249  | 3     | 334 | 4     | 199  | 243   | 199  | 199 | 249                                       | 388 | 144   | 157 |  |     | 199                        | 199 |     |
| 04/01-03/31      | 2               |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      | 10              |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 03/01-10/31      | 463             | 124  | 577   | 189 | 775   | 254  | 463   | 565  | 463 | 463                                       | 577 | 1056  | 310 | 626                                      |     | 463                        | 463 |     |
| 04/01-03/31      | 5               |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      | 19              |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 06/21-07/12      | 76              |  | 72    |     | 116   |  | 76    | 93   | 76  | 76  | 72  | 134   | 49  | 60                                       |     | 76                         | 76  |     |
| 04/01-03/31      |                 |  | 2     |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 | 2  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 03/01-02/28      | 108             | 85   | 306   | 130 | 434   | 108  | 132   | 108  | 108 | 85  | 145 | 80  | 91  |  |     | 108                        | 108 |     |
| 04/01-03/31      | 2               |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      | 2               |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 03/01-02/28      | 172             | 169  | 146   | 282 | 265   | 172  | 210   | 172  | 172 | 169                                       | 305 | 116   | 145 |  |     | 172                        | 172 |     |
| 04/01-03/31      | 2               |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      | 5               |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 05/01-06/15      | 819             | 617  | 801   | 541 | 1166  | 746  | 819   | 999  | 819 | 819                                       | 801 | 1416  | 712 | 746                                      |     | 819                        | 819 |     |
| 07/16-10/31      |                 |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 | 8  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 | 36   |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 06/23-07/20      | 138             |  | 114   |     | 223   |  | 138   | 170  | 138 | 138                                       | 114 | 223   | 133 | 189                                      |     | 138                        | 138 |     |
| 04/01-03/31      |                 |  | 2     |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 | 2  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 05/05-06/21      | 358             | 60   | 463   | 94  | 701   | 154  | 358   | 440  | 358 | 358                                       | 463 | 882   | 232 | 260                                      |     | 358                        | 358 |     |
| 07/12-10/02      |                 |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 | 5  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 | 17   |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 05/01-10/31      | 116             |  | 149   | 50  | 236   | 86   | 116   | 142  | 116 | 116                                       | 149 | 263   | 77  | 97                                       |     | 116                        | 116 |     |
| 04/01-03/31      |                 | 3  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 | 7  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 05/01-10/31      | 456             | 621  | 390   | 546 | 659   | 866  | 456   | 593  | 456 | 456                                       | 390 | 769   | 310 | 400                                      |     | 456                        | 456 |     |
| 04/01-03/31      | 5               |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      | 10              |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 05/01-10/31      | 304             |  | 306   | 500 | 853   | 936  | 504   | 693  | 504 | 504                                       | 506 | 941   | 342 | 467                                      |     | 504                        | 504 |     |
| 04/01-03/31      |                 | 5  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 | 12   |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 05/01-11/09      | 229             | 113  | 200   | 107 | 370   | 208  | 229   | 347  | 229 | 229                                       | 200 | 365   | 164 | 242                                      |     | 229                        | 229 |     |
| 04/01-03/31      | 3               |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      | 5               |  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 05/01-18/15      | 97              | 61   | 85    | 48  | 170   | 95   | 97    | 118  | 97  | 97  | 85  | 165   | 63  | 106                                      |     | 97                         | 97  |     |
| 04/01-03/31      |                 | 2  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |
| 04/01-03/31      |                 | 2  |       |     |       |  |       |  |     |   |     |   |     |  |     |                            |     |     |

## VALLEY RESOURCE AREA PROPOSED ANPS CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME       | NOT<br>SITES | ACRES   | EXCELLENT |       | GOOD |        | RANGE CONDITION |        |        | UNSUITABLE |     |       | GRAZING<br>ANIMALS<br>NO.           | CLS                             |
|---------------|-------------------------|--------------|---------|-----------|-------|------|--------|-----------------|--------|--------|------------|-----|-------|-------------------------------------|---------------------------------|
|               |                         |              |         | BLM       | OTHER | BLM  | OTHER  | BLM             | OTHER  | BLM    | OTHER      | BLM | OTHER |                                     |                                 |
| 4542          | Antelope Creek          | 7            | 2856.1  | 7294.6    |       | 14.1 | 535.6  | 1157.7          | 2331.0 | 1614.5 | 4639.9     | 0   | 0     | 65.8                                | 87.1                            |
|               |                         |              |         |           |       |      |        |                 |        |        |            |     |       | 315<br>330<br>330<br>117<br>7<br>13 | C<br>C<br>C<br>AN<br>DM         |
| 4543          | Lower Antelope Creek    | P            | 479.3   | 0         | 0     | 0    | 0      | 0               | 0      | 478.2  | 0          | 0   | 0     | 1.1                                 | 0                               |
|               |                         |              |         |           |       |      |        |                 |        |        |            |     |       | 17<br>17<br>1<br>1<br>1             | C<br>C<br>AN<br>DM              |
| 4545          | Tampico Coulee          | P            | 229.9   | 48.5      | 29.7  | 10.9 | 199.1  | 37.5            | 0      | 0      | 0          | 0   | 0     | 0                                   | 4                               |
|               |                         |              |         |           |       |      |        |                 |        |        |            |     |       | 1<br>1<br>1                         | C<br>AN<br>DM                   |
| 4547          | Upper Box Elder Creek   | P            | 590.1   | 478.5     | 0     | 0    | 0      | 9.5             | 586.7  | 461.9  | 0          | 0   | 3.4   | 7.1                                 | 80                              |
|               |                         |              |         |           |       |      |        |                 |        |        |            |     |       | 1<br>1<br>1                         | C<br>AN<br>DM                   |
| 4552          | Upper Little Beaver     | P            | 11269.2 | 49.4      | 0     | 0    | 7355.6 | 14.2            | 3189.5 | 34.1   | 0          | 0   | 724.1 | 1.1                                 | 35<br>47<br>60<br>30<br>16      |
|               |                         |              |         |           |       |      |        |                 |        |        |            |     |       | 3<br>C<br>C<br>C<br>AN              | AN<br>DM                        |
| 4555          | Bullock Coulees         | P            | 2082.4  | 908.9     | 0     | 0    | 735.2  | 379.9           | 1304.5 | 509.9  | 0          | 0   | 42.7  | 19.1                                | 100<br>3<br>4                   |
|               |                         |              |         |           |       |      |        |                 |        |        |            |     |       | 1<br>1<br>1                         | AN<br>DM                        |
| 4556          | Hay Fever               | P            | 669.3   | 376.0     | 0     | 0    |        | 23.6            | 649.3  | 349.4  | 0          | 0   | 20.0  | 3.0                                 | 100                             |
|               |                         |              |         |           |       |      |        |                 |        |        |            |     |       | 1<br>1                              | C<br>DM                         |
| 4558          | Wire Net Corral Pasture | P            | 567.4   | 0         | 0     | 0    | 0      | 0               | 567.4  | 0      | 0          | 0   | 0     | 0                                   | 80<br>84<br>1<br>2              |
|               |                         |              |         |           |       |      |        |                 |        |        |            |     |       | 1<br>1<br>1<br>2                    | AN<br>DM                        |
| 4559          | South Brasil Creek      | P            | 318.3   | 40.0      | 42.8  | 0    | 265.2  | 0               | 8.8    | 40.0   | 0          | 0   | 1.5   | 0                                   | 67<br>1<br>1                    |
|               |                         |              |         |           |       |      |        |                 |        |        |            |     |       | 1<br>1<br>1                         | AN<br>DM                        |
| 4560          | Lower Brasil Creek      | P            | 1849.4  | 3037.3    | 0     | 0    | 855.45 | 558.4           | 558.7  | 956.0  | 2400.4     | 0   | 38.0  | 78.2                                | 41<br>118<br>30<br>38<br>4<br>6 |
|               |                         |              |         |           |       |      |        |                 |        |        |            |     |       | 1<br>1<br>1<br>1<br>1<br>1          | C<br>C<br>C<br>C<br>AN<br>DM    |
| 4564          | Alkali Coulees          | P            | 983.2   | 524.3     | 0     | 0    | 90.9   | 5.8             | 888.2  | 514.4  | 0          | 0   | 4.1   | 4.1                                 | 4<br>4<br>17<br>4<br>1<br>1     |
|               |                         |              |         |           |       |      |        |                 |        |        |            |     |       | 1<br>1<br>1<br>1<br>1<br>1          | C<br>C<br>C<br>C<br>AN<br>DM    |
| 4650          | Rosewood Coulee         | P            | 399.2   | 179.2     | 82.0  | 0    | 211.6  | 128.7           | 105.6  | 50.5   | 0          | 0   | 0     | 0                                   | 6<br>1<br>1                     |
|               |                         |              |         |           |       |      |        |                 |        |        |            |     |       | 1<br>1<br>1                         | AN<br>DM                        |
| 4652          | N. Rosewood Coulees     | P            | 319.7   | 0         | 0     | 0    | 274.7  | 0               | 45.0   | 0      | 0          | 0   | 0     | 0                                   | 9<br>1<br>1                     |
|               |                         |              |         |           |       |      |        |                 |        |        |            |     |       | 1<br>1<br>1                         | AN<br>DM                        |
| 4654          | E. Coal Creek           | P            | 320     | 6.0       | 0     | 0    | 237.0  | 6.0             | 83.0   | 0      | 0          | 0   | 0     | 0                                   | 4<br>1<br>1                     |
|               |                         |              |         |           |       |      |        |                 |        |        |            |     |       | 1<br>1<br>1                         | AN<br>DM                        |
| 4655          | N. Poplar River         | P            | 638.6   | 178.1     | 186.9 | 73.8 | 347.2  | 102.5           | 104.5  | 1.8    | 0          | 0   | 0     | 0                                   | 14<br>1<br>1                    |
|               |                         |              |         |           |       |      |        |                 |        |        |            |     |       | 1<br>1<br>1                         | AN<br>DM                        |
| 4657          | Rock Creek Divide       | P            | 476.7   | 0         | 0     | 0    | 387.8  | 0               | 88.9   | 0      | 0          | 0   | 0     | 0                                   | 9<br>1<br>1                     |
|               |                         |              |         |           |       |      |        |                 |        |        |            |     |       | 2<br>1<br>1                         | AN<br>DM                        |
| 4660          | S. Poplar River         | P            | 571.1   | 42.9      | 80.9  | 0    | 466.2  | 42.9            | 24.0   | 0      | 0          | 0   | 0     | 0                                   | 8<br>1<br>6                     |
|               |                         |              |         |           |       |      |        |                 |        |        |            |     |       | 1<br>1<br>6                         | AN<br>DM                        |
| 4664          | Upper Spring Creek      | P            | 359.3   | 0         | 0     | 0    | 326.4  | 0               | 32.9   | 0      | 0          | 0   | 0     | 0                                   | 15<br>1<br>1                    |
|               |                         |              |         |           |       |      |        |                 |        |        |            |     |       | 1<br>1<br>1                         | AN<br>DM                        |
| 4665          | Middle Fork Porcupine   | P            | 714.3   | 28.8      | 274.8 | 0    | 340.7  | 28.8            | 98.8   | 0      | 0          | 0   | 0     | 0                                   | 16<br>1<br>1                    |
|               |                         |              |         |           |       |      |        |                 |        |        |            |     |       | 1<br>1<br>1                         | AN<br>DM                        |



## VALLEY RESOURCE AREA PROPOSED AMPS CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME  | HCT<br>SFS | ACRS   | EXCELLENT |       | GOOD  |        | RANGE CONDITION |        | FAIR   |       | POOR |       | UNUSUITABLE |  | CRATING<br>NO.<br>CLS |
|---------------|--------------------|------------|--------|-----------|-------|-------|--------|-----------------|--------|--------|-------|------|-------|-------------|--|-----------------------|
|               |                    |            |        | BLK       | OTHER | BLK   | OTHER  | BLK             | OTHER  | BLK    | OTHER | BLK  | OTHER | BLK         | OTHER  |                       |
| 4666          | Hell Coulee        | P          | 159.6  | 0         |       |       |        |                 |        |        |       |      |       |             |  | 7 C<br>1 AN<br>1 DM   |
| 4704          | North Rock Creek   | P          | 497.4  | 1118.5    | 0     | 0     | 363.5  | 511.2           | 120.6  | 578.4  | 0     | 0    | 13.2  | 28.9        | 12 C<br>1 AN<br>2 DM   |                       |
| 4705          | Lime Coulee        | P          | 560.4  | 311.0     | 0     | 0     | 462.9  | 311.0           | 97.2   | 0      | 0     | 0    | 0.3   |             | 106 C<br>106 C<br>1 AN<br>1 DM                               |                       |
| 4709          | Thoeny             | P          | 671.0  | 468.4     | 90.0  | 146.6 | 472.0  | 270.0           | 109.0  | 51.8   | 0     | 0    | 0     | 0           | 13 C<br>9 AN<br>1 AN<br>1 AN<br>1 DM                         |                       |
| 4710          | South Thoeny       | P          | 400.2  | 0         | 0     | 0     | 323.2  | 0               | 77.0   | 0      | 0     | 0    | 0     | 0           | 88 C<br>3 AN<br>1 AN<br>1 AN<br>1 DM                         |                       |
| 4712          | Lower E. Fork Crow | P          | 1960.0 | 3691.4    | 60.0  | 904.2 | 1668.0 | 2604.7          | 224.0  | 175.0  | 0     | 0    | 8.0   | 6.6         | 200 C<br>650 C<br>1 AN<br>4 DM                               |                       |
| 4714          | Rock Creek         | P          | 1259.5 | 498.1     | 0     | 0     | 493.2  | 123.3           | 766.3  | 374.8  | 0     | 0    | 0     | 0           | 20 C<br>8 AN<br>1 AN<br>1 AN<br>3 DM                         |                       |
| 4717          | Willow Creek       | P          | 3774.2 | 2059.2    | 0     | 0     | 1818.1 | 1532.5          | 1649.3 | 507.6  | 0     | 0    | 306.8 | 19.1        | 119 C<br>120 C<br>31 C<br>9 AN<br>1 AN<br>2 AN<br>77 DM      |                       |
| 4719          | Middle Rock Creek  | P          | 420.5  | 984.5     | 6.0   | 2.0   | 164.2  | 723.1           | 224.8  | 257.2  | 24.8  | 0    | 0.7   | 2.2         | 17 C<br>1 AN<br>3 DM<br>1 DM<br>1 DM                         |                       |
| 4720          | Oregon Reservoir   | P          | 135.2  | 1805.3    | 0     | 0     | 128.3  | 1130.2          | 6.9    | 654.5  | 0     | 0    | 0     | 20.8        | 9 C<br>5 C<br>1 AN<br>1 DM                                   |                       |
| 4721          | Clats Reservoir    | P          | 2561.4 | 478.7     | 175.7 | 0     | 1300.7 | 165.6           | 856.4  | 259.5  | 0     | 0    | 228.6 | 53.6        | 71 C<br>2 AN<br>12 DM  |                       |
| 4725          | South Willow Creek | P          | 317.9  | 3651.0    | 14.0  | 367.2 | 273.7  | 2156.7          | 25.5   | 1117.9 | 0     | 0    | 4.7   | 9.2         | 26 C<br>26 C<br>4 AN<br>1 AN<br>1 AN<br>5 DM<br>1 DM<br>1 DM |                       |
| 4727          | S. Rock Creek      | P          | 1110.0 | 0         | 346.0 | 0     | 643.0  | 0               | 120.0  | 0      | 0     | 0    | 1.0   | 0           | 20 C<br>15 AN<br>1 AN<br>1 AN<br>7 DM                        |                       |
| 4728          | Lime Creek         | P          | 2498.4 | 3088.4    | 118.9 | 292.5 | 2239.9 | 2779.9          | 132.7  | 14.0   | 6.9   | 0    | 0     | 2.0         | 100 C<br>4 C<br>3 AN<br>1 AN<br>5 DM                         |                       |
| 0470          | Gray, Donald H.    | P          | 39.7   | 0         | 0     | 0     | 39.7   | 0               | 0      | 0      | 0     | 0    | 0     | 0           | 1 C<br>1 AN<br>1 DM<br>1 DM                                  |                       |
| 0475          | Wayne Crimrud      | P          | 926.0  | 0         | 49.0  | 0     | 401.9  | 0               | 177.3  | 0      | 0     | 0    | 297.8 | 0           | 26 C<br>1 AN<br>4 DM<br>8 DM<br>1 DM                         |                       |

| SEASON<br>OF USE | CURRENT<br>AUMS | REC. STOCKING<br>RATE/AUMS |       | POTEN. FORAGE<br>PRODUCTION |       | ALTERNATIVE A<br>ENHAN. CONSERVED<br>VEG. USED |     |      | ALTERNATIVE B<br>PRESERV. MGMT. |     |     | ALTERNATIVE C<br>ENHANCED<br>LIV. FORAGE |     |      | ALTERNATIVE D<br>ENHANCED<br>WATER/AGRO/OLIVE |     |       | ALTERNATIVE E<br>NO LIVESTOCK<br>GRAZING |    |     | ALTERNATIVE F<br>NO ACTION |  |  |
|------------------|-----------------|----------------------------|-------|-----------------------------|-------|--|-----|------|---------------------------------|-----|-----|--|-----|------|---|-----|-------|--|----|-----|----------------------------|--|--|
|                  |                 | SLM                        | OTHER | SLM                         | OTHER | SLM  | LT  | ST   | SLM                             | LT  | ST  | SLM                                      | LT  | ST   | LT  | SLM | OTHER | SLM                                      | LT | ST  | LT                         |  |  |
| 03/01-02/28      | 30              | 34                         | 30    | 108                         |       |  |     |      | 30                              | 37  | 30  | 34                                       | 38  | 30   | 30  | 30  | 30    | 30                                       | 30 | 30  | 30                         |  |  |
| 04/01-03/31      | 2               | 2                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/31      | 2               | 2                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 03/01-02/28      | 141             | 130                        | 239   | 188                         | 385   | 141  | 172 | 141  | 141                             | 130 | 192 | 73                                       | 148 |      |   |     |       |  |    | 141 | 141                        |  |  |
| 04/01-03/31      | 2               | 5                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/31      | 2               | 2                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 06/01-06/30      | 133             | 77                         | 159   | 85                          | 222   | 113  | 133 | 162  | 133                             | 133 | 159 | 262                                      | 66  | 79   |   |     |       |  |    | 133 | 133                        |  |  |
| 11/01-11/30      | 5               | 1                          | 5     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/31      | 2               | 1                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/31      | 2               | 2                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 03/01-02/28      | 155             | 182                        | 140   | 248                         | 173   | 155  | 189 | 155  | 155                             | 182 | 348 | 103                                      | 114 |      |   |     |       |  |    | 155 | 155                        |  |  |
| 12/01-03/31      | 5               | 1                          | 5     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/30      | 1               | 1                          | 1     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/31      | 2               | 2                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 11/01-11/30      | 88              | 107                        | 153   |                             |       | 88   | 107 | 88   | 88                              | 107 |     |  |     |      |   |     |       |  |    | 88  | 88                         |  |  |
| 12/01-03/31      | 2               | 1                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-11/30      | 1               | 2                          | 1     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/31      | 2               | 2                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/10-07/15      | 397             | 1397                       | 579   | 1029                        | 721   | 1288   | 397 | 484  | 397                             | 397 | 579 | 837                                      | 279 | 292  |   |     |       |  |    | 397 | 397                        |  |  |
| 11/02-12/24      | 2               | 10                         | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/31      | 2               | 10                         | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 03/01-02/28      | 234             | 303                        | 115   | 500                         | 200   | 234  | 285 | 234  | 234                             | 303 | 489 | 162                                      | 311 |      |   |     |       |  |    | 234 | 234                        |  |  |
| 12/01-03/31      | 4               | 1                          | 4     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-11/30      | 1               | 2                          | 1     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/31      | 2               | 7                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 07/01-09/30      | 927             | 129                        | 688   | 489                         | 1078  | 707  | 927 | 1131 | 927                             | 927 | 688 | 1172                                     | 846 | 1042 |   |     |       |  |    | 927 | 927                        |  |  |
| 06/08-09/30      |                 |                            |       |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 12/01-03/30      |                 |                            |       |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 12/01-03/31      | 4               | 1                          | 4     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-11/30      | 1               | 3                          | 1     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/31      | 185             |                            |       |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/15-08/01      | 60              | 95                         | 248   | 164                         | 363   | 60   | 73  | 60   | 60                              | 95  | 137 | 9  | 35  |      |   |     |       |  |    | 60  | 60                         |  |  |
| 04/01-03/31      | 2               | 2                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 12/01-03/31      | 1               | 2                          | 1     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-11/30      | 2               | 3                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/31      | 2               | 2                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 03/01-03/26      | 22              | 38                         | 424   | 52                          | 643   | 22   | 27  | 22   | 22                              | 38  | 71  | 22                                       | 22  |      |   |     |       |  |    | 22  | 22                         |  |  |
| 11/01-02/28      | 1               | 2                          | 1     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/31      | 2               | 2                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 03/15-10/08      | 285             | 67                         | 478   | 78                          | 709   | 130  | 285 | 348  | 285                             | 285 | 478 | 787                                      | 187 | 345  |   |     |       |  |    | 285 | 285                        |  |  |
| 04/01-03/31      | 3               | 29                         | 29    |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/31      | 29              |                            |       |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 03/20-05/01      | 64              | 86                         | 987   | 116                         | 1418  | 64   | 78  | 64   | 64                              | 86  | 209 |  |     |      |   |     |       |  |    | 64  | 64                         |  |  |
| 12/01-03/31      | 2               | 2                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-11/30      | 1               | 2                          | 1     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/31      | 2               | 4                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 12/01-03/31      | 4               | 2                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-11/30      | 2               | 2                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/31      | 2               | 2                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 03/01-02/28      | 245             | 326                        | 408   |                             |       | 245  | 299 | 245  | 245                             | 326 | 448 | 160                                      | 185 |      |   |     |       |  |    | 245 | 245                        |  |  |
| 12/01-03/31      | 8               | 1                          | 8     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/20      | 1               | 1                          | 1     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/31      | 2               | 17                         | 17    |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/20-10/30      | 393             | 256                        | 704   | 904                         | 945   | 1172   | 393 | 479  | 393                             | 393 | 704 | 1298                                     | 248 | 248  |   |     |       |  |    | 393 | 393                        |  |  |
| 06/20-10/30      |                 |                            |       |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 12/01-03/31      | 2               | 1                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-11/30      | 1               | 12                         | 12    |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/31      | 12              |                            |       |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 03/01-02/28      | 13              | 9                          | 12    |                             |       | 13   | 16  | 13   | 13                              | 9   | 9   | 9  | 9   |      |   |     |       |  |    | 13  | 13                         |  |  |
| 04/01-03/31      | 2               | 2                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/31      | 2               | 2                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/31      | 2               | 2                          | 2     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 03/01-02/28      | 307             | 140                        | 219   |                             |       | 307  | 375 | 307  | 307                             | 140 | 216 | 203                                      | 235 |      |   |     |       |  |    | 307 | 307                        |  |  |
| 04/01-03/31      | 2               | 6                          | 6     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/31      | 6               | 5                          | 5     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 12/01-03/31      | 5               | 5                          | 5     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |
| 04/01-03/31      | 5               | 5                          | 5     |                             |       |  |     |      |                                 |     |     |  |     |      |   |     |       |  |    |     |                            |  |  |

## VALLEY RESOURCE AREA PROPOSED ANPs ( Not proposed in Alternative B) CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME    | MGT<br>NO. | ACRES  | EXCELLENT |       | GOOD  |       | RANGE CONDITION |       | POOR  |      | UNSUITABLE |       | NO.   | CLAS | GRAZING<br>ANIMALS |  |
|---------------|----------------------|------------|--------|-----------|-------|-------|-------|-----------------|-------|-------|------|------------|-------|-------|------|--------------------|--|
|               |                      |            |        | STS       | BLM   | OTHER | BLM   | OTHER           | BLM   | YEAR  | BLM  | OTHER      | BLM   | OTHER |      |                    |  |
| 0479          | Halvorsen, Oliver    | P          | 559.0  | 0         | 34.3  | 0     | 226.1 | 0               | 36.2  | 0     | 0    | 0          | 268.4 | 0     | 16   | C                  |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 1    | AN                 |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 3    | DM                 |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 6    | DM                 |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 10   | DM                 |  |
| 0482          | William Harmon Farms | P          | 435.0  | 0         | 5.5   | 0     | 323.2 | 0               | 14.9  | 0     | 0    | 0          | 91.4  | 0     | 14   | C                  |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 1    | AN                 |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 1    | DM                 |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 2    | DM                 |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 6    | DM                 |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 10   | DM                 |  |
| 0499          | Archie Lewis         | P          | 315.0  | 0         | 146.4 | 0     | 99.5  | 0               | 99.5  | 0     | 14.9 | 0          | 54.2  | 0     | 8    | C                  |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 1    | AN                 |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 1    | DM                 |  |
| 0525          | Lester V. Romo       | P          | 473.1  | 0         | 203.3 | 0     | 63.7  | 0               | 53.3  | 0     | 0    | 0          | 152.8 | 0     | 40   | C                  |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 1    | AN                 |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 2    | DM                 |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 5    | DM                 |  |
| 0526          | Alice Morris Rowan   | P          | 239.9  | 0         | 0     | 0     | 87.0  | 0               | 152.9 | 0     | 0    | 0          | 0     | 0     | 8    | C                  |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 8    | C                  |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 1    | AN                 |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 6    | DM                 |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 2    | DM                 |  |
| 0538          | John Bissard         | P          | 96.0   | 0         | 0     | 0     | 0     | 0               | 96.0  | 0     | 0    | 0          | 0     | 0     | 8    | C                  |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 1    | AN                 |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 1    | DM                 |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 2    | DM                 |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 4    | DM                 |  |
| 0557          | Wilson Mabel         | P          | 670.9  | 0         | 114.3 | 0     | 293.3 | 0               | 16.1  | 0     | 0    | 0          | 247.2 | 0     | 32   | C                  |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 1    | AN                 |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 3    | DM                 |  |
|               |                      |            |        |           |       |       |       |                 |       |       |      |            |       |       | 8    | DM                 |  |
| SUB TOTAL     |                      |            | 151468 | 78269     | 2607  | 2836  | 90320 | 43270           | 53052 | 31510 | 1269 | 16         | 4220  | 636   |      |                    |  |

| SEASON<br>OF USE | CURRENT AUMs<br>BLM<br>OTHER | REC. STOCKING<br>RATE/AUMs | POTEN. FORAGE<br>PRODUCTION | ALTERNATIVE A |       | ALTERNATIVE B |       | ALTERNATIVE C |       | ALTERNATIVE D |       | ALTERNATIVE E |       | ALTERNATIVE F |       |       |
|------------------|------------------------------|----------------------------|-----------------------------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|-------|
|                  |                              |                            |                             | BLM           | OTHER | BLM           | OTHER | VEG. USES     | ST    | LT            | ST    | LT            | ST    | LT            | ST    | LT    |
| 03/01-02/28      | 187                          | 63                         | 102                         |               |       | 187           | 228   | 187           | 187   |               | 63    | 98            | 123   | 123           | 187   | 187   |
| 04/01-05/31      | 1                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 04/01-11/30      | 5                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 12/01-03/31      | 5                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 03/01-02/28      | 171                          | 57                         | 86                          |               |       | 171           | 209   | 171           | 171   | 57            | 108   | 115           | 134   |               | 171   | 171   |
| 04/01-05/31      | 1                            | 2                          |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 04/01-11/30      | 2                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 12/01-03/31      | 2                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 04/01-11/30      | 10                           |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 12/01-03/31      | 8                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 03/01-02/28      | 91                           | 67                         | 78                          |               |       | 91            | 110   | 91            | 91    | 67            | 104   | 59            | 59    |               | 91    | 91    |
| 04/01-03/31      | 2                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 01/01-03/31      | 2                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 05/01-08/31      | 160                          | 84                         | 107                         |               |       | 160           | 195   | 160           | 160   | 84            | 103   | 80            | 94    |               | 160   | 160   |
| 04/01-03/31      | 2                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 04/01-11/30      | 3                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 12/01-03/31      | 4                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 03/01-04/30      | 60                           | 57                         | 97                          |               |       | 60            | 72    | 60            | 60    | 57            | 74    |               |       |               | 60    | 60    |
| 09/15-12/28      | 4                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 04/01-03/31      | 2                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 04/01-11/30      | 10                           |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 04/01-11/30      | 5                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 12/01-03/31      | 3                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 05/01-08/30      | 42                           | 41                         | 80                          |               |       | 42            | 51    | 42            | 42    | 41            | 62    | 26            | 37    |               | 42    | 42    |
| 04/01-03/31      | 2                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 04/01-11/30      | 2                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 12/01-03/31      | 1                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 04/01-11/30      | 10                           |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 04/01-03/31      | 5                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 12/01-03/31      | 3                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 04/01-10/31      | 227                          | 107                        | 148                         |               |       | 227           | 277   | 227           | 227   | 107           | 155   | 131           | 131   |               | 227   | 227   |
| 04/01-03/31      | 2                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 04/01-11/30      | 5                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 04/01-03/31      | 5                            |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 04/01-03/31      | 19                           |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
|                  |                              |                            |                             |               |       |               |       |               |       |               |       |               |       |               |       |       |
| 29256            | 12396                        | 33441                      | 18259                       | 30511         | 27672 | 29256         | 36466 | 29256         | 29256 | 33441         | 59575 | 19738         | 25078 |               | 29256 | 29256 |

## VALLEY RESOURCE AREA PROPOSED AMPS IN ALTERNATIVE B (Also proposed in Alternatives A, C and D)

| ALLOT.<br>NO. | ALLOTMENT<br>NAME       | NCT<br>S1S | ACRES   | RANGE CONDITION |       |       |        |            |        |        |       | NO.   | CLAS   | GRADING<br>ANIMALS |        |
|---------------|-------------------------|------------|---------|-----------------|-------|-------|--------|------------|--------|--------|-------|-------|--------|--------------------|--------|
|               |                         |            |         | EXCELLENT       | GOOD  | PATR  | POR    | UNSUARABLE | BLM    | OTHER  | BLM   | OTHER |        |                    |        |
| 4005          | Flint Reservoir         | F          | 1427.9  | 316.1           | 0     | 0     | 178.9  | 0          | 1251.0 | 316.   | 0     | 0     | 85     | CA                 |        |
|               |                         |            |         | BLM             | 0     | 0     | BLM    | 0          | BLM    | 0      | 1     | AN    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 3     | DM    |        |                    |        |
| 4009          | Chambers Creek          | F          | 1469.4  | 238.3           | 0     | 0     | 285.2  | 83.6       | 1184.2 | 154.7  | 0     | 0     | 100    | CA                 |        |
|               |                         |            |         | BLM             | 0     | 0     | BLM    | 0          | BLM    | 0      | 1     | AN    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 3     | DM    |        |                    |        |
| 4015          | South Creek             | F          | 11508   | 3986.4          | 400.8 | 10.8  | 4599.6 | 2514.0     | 6463.9 | 3432.0 | 0     | 0     | 640    | CA                 |        |
|               |                         |            |         | BLM             | 0     | 0     | BLM    | 0          | BLM    | 0      | 8     | AN    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 7     | DM    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 22    | DM    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 19    | DM    |        |                    |        |
| 4019          | Snake Creek             | F          | 6834.3  | 575.5           | 0     | 0     | 1415.8 | 306.8      | 5107.5 | 187.7  | 0     | 0     | 311.0  | 81.0               | 75 C   |
|               |                         |            |         | BLM             | 0     | 0     | BLM    | 0          | BLM    | 0      | 64    | C     |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 105   | C     |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 64    | AN    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 10    | AN    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 4     | AN    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 27    | DM    |        |                    |        |
| 4023          | Chambers Coulee         | F          | 4944.7  | 1110.7          | 0     | 0     | 3116.4 | 516.7      | 1548.8 | 529.4  | 0     | 0     | 279.5  | 64.6               | 120 C  |
|               |                         |            |         | BLM             | 0     | 0     | BLM    | 0          | BLM    | 0      | 175   | C     |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 260   | C     |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 260   | C     |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 14    | AN    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 1     | AN    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 2     | DM    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 12    | DM    |        |                    |        |
| 4024          | Divide                  | F          | 6993.8  | 2783.7          | 74.9  | 30.8  | 1273.5 | 469.9      | 4845.3 | 2139.8 | 0     | 0     | 800.1  | 143.2              | 415 SH |
|               |                         |            |         | BLM             | 0     | 0     | BLM    | 0          | BLM    | 0      | 250   | C     |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 125   | SH    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 421   | SH    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 4     | AN    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 2     | DM    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 5     | DM    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 13    | DM    |        |                    |        |
| 4025          | South Fork - Rock Creek | F          | 9215.9  | 2640.7          | 73.8  | 101.6 | 3094.1 | 1133.9     | 5854.6 | 1385.0 | 4.8   | 0     | 188.6  | 20.2               | 120 C  |
|               |                         |            |         | BLM             | 0     | 0     | BLM    | 0          | BLM    | 0      | 462   | C     |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 317   | C     |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 200   | C     |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 5     | AN    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 20    | DM    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 11    | DM    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 54    | DM    |        |                    |        |
| 4054          | South Fork Bitter Creek | F          | 14668.2 | 1567.1          | 0     | 0     | 2379.0 | 722.4      | 9051.3 | 669.7  | 56.9  | 0     | 3181.0 | 175.0              | 14 C   |
|               |                         |            |         | BLM             | 0     | 0     | BLM    | 0          | BLM    | 0      | 174   | CA    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 8     | AN    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 34    | AN    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 1     | AN    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 19    | DM    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 134   | DM    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 45    | DM    |        |                    |        |
| 4055          | West Fork Porcupine     | F          | 10904.1 | 4642.8          | 203.8 | 32.3  | 5754.1 | 2502.0     | 4344.7 | 2020.2 | 0     | 0     | 601.5  | 88.3               | 740 C  |
|               |                         |            |         | BLM             | 0     | 0     | BLM    | 0          | BLM    | 0      | 8     | AN    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 76    | DM    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 15    | DM    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 15    | DM    |        |                    |        |
| 4071          | Upper Canyon Creek      | F          | 10270.8 | 1268.2          | 0     | 0     | 1662.2 | 543.3      | 7450.3 | 548.9  | 0     | 0     | 1158.3 | 176.0              | 235 C  |
|               |                         |            |         | BLM             | 0     | 0     | BLM    | 0          | BLM    | 0      | 11    | AN    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 6     | AN    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 1     | AN    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 36    | DM    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 20    | DM    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 14    | DM    |        |                    |        |
| 4092          | Upper Unger Coulee      | F          | 2304.3  | 1512.4          | 0     | 0     | 589.9  | 113.4      | 1666.9 | 1377.6 | 0     | 0     | 47.5   | 21.4               | 144 CA |
|               |                         |            |         | BLM             | 0     | 0     | BLM    | 0          | BLM    | 0      | 144   | CA    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 2     | CA    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 12    | AN    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 1     | AN    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 7     | DM    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 2     | DM    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 4     | IN    |        |                    |        |
| 4113          | Spring Coulee           | F          | 1339.2  | 0               | 0     | 0     | 261.6  | 0          | 942.7  | 0      | 131.7 | 0     | 3.2    | 0                  | 14 C   |
|               |                         |            |         | BLM             | 0     | 0     | BLM    | 0          | BLM    | 0      | 45    | C     |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 67    | C     |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 1     | AN    |        |                    |        |
|               |                         |            |         |                 |       |       |        |            |        |        | 3     | DM    |        |                    |        |

| SEASON<br>OF USE | REC. STOCKING<br>RATE/AUMs |       | POTEN. FORAGE<br>PRODUCTION |       | ALTERNATIVE A<br>ENHANCED CONSERVATION<br>MANAGEMENT |       | ALTERNATIVE B<br>PRESENT Mgmt. |      | ALTERNATIVE C<br>ENHANCED<br>LIVST. FORAGE |      | ALTERNATIVE D<br>ENHANCED<br>WATERQUALITY |      | ALTERNATIVE E<br>NO LIVESTOCK<br>GRAZING |      | ALTERNATIVE F<br>NO ACTION |      |
|------------------|----------------------------|-------|-----------------------------|-------|--|-------|--------------------------------|------|--|------|---|------|--|------|----------------------------|------|
|                  | BLM                        | OTHER | BLM                         | OTHER | BLM  | OTHER | ST                             | LT   | ST   | LT   | ST  | LT   | ST                                       | LT   | ST                         | LT   |
| 05/01-09/31      | 330                        |       | 250                         | 53    | 466  | 106   | 330                            | 579  | 330  | 579  | 250                                       | 583  | 246                                      | 391  | 330                        | 330  |
| 04/01-03/31      | 2                          |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-03/31      | 7                          |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 07/01-08/30      | 347                        | 62    | 314                         | 52    | 565  | 85    | 347                            | 423  | 347  | 423  | 314                                       | 462  | 338                                      | 401  |                            |      |
| 04/01-03/31      |                            |       |                             |       |  |       |                                |      |  |      |   |      |  |      | 347                        | 347  |
| 04/01-03/31      | 7                          |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 05/05-07/05      | 2268                       | 1087  | 2380                        | 1241  | 3821   | 2016  | 2268                           | 2767 | 2268                                       | 2767 | 2380                                      | 4497 | 1710                                     | 2273 |                            |      |
| 07/05-10/31      |                            |       |                             |       |  |       |                                |      |  |      |   |      |  |      | 2268                       | 2268 |
| 04/01-03/31      | 13                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-11/30      | 11                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-03/31      | 51                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 12/01-03/31      | 15                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 05/15-10/14      | 981                        | 51    | 1129                        | 92    | 2029   | 142   | 981                            | 1197 | 981  | 1197 | 1129                                      | 2198 | 779                                      | 1322 |                            |      |
| 05/15-10/14      |                            |       |                             |       |  |       |                                |      |  |      |   |      |  |      | 981                        | 981  |
| 04/01-03/31      | 6                          |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-03/31      | 65                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 05/01-05/15      | 800                        | 150   | 1049                        | 223   | 1569   | 357   | 800                            | 976  | 800  | 976  | 1049                                      | 1983 | 454                                      | 570  |                            |      |
| 05/15-05/31      |                            |       |                             |       |  |       |                                |      |  |      |   |      |  |      | 800                        | 800  |
| 06/01-06/30      |                            |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 08/30-11/03      |                            |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 12/01-03/31      | 7                          |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-11/30      | 1                          |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-03/31      | 3                          |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-03/31      | 29                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 06/01-10/05      | 1092                       | 489   | 1020                        | 435   | 1825   | 791   | 1092                           | 1332 | 1092                                       | 1332 | 1020                                      | 1939 | 974                                      | 1445 |                            |      |
| 07/01-10/29      |                            |       |                             |       |  |       |                                |      |  |      |   |      |  |      | 1092                       | 1092 |
| 04/01-03/31      |                            |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 05/01-10/05      |                            |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-03/31      | 6                          |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-11/30      | 3                          |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 12/01-03/31      | 4                          |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-03/31      | 31                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 05/15-05/15      | 1896                       | 660   | 1774                        | 591   | 2576   | 923   | 1896                           | 2313 | 1896                                       | 2313 | 1774                                      | 3408 | 1681                                     | 2152 |                            |      |
| 05/15-09/30      |                            |       |                             |       |  |       |                                |      |  |      |   |      |  |      | 1896                       | 1896 |
| 05/15-09/30      |                            |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 05/15-09/30      |                            |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 11/01-11/13      |                            |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-03/31      | 8                          |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-11/30      | 32                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-03/31      | 26                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 12/01-03/31      | 43                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 07/01-09/30      | 1333                       | 172   | 1811                        | 271   | 3202   | 422   | 1333                           | 1629 | 1333                                       | 1629 | 1811                                      | 2790 | 1333                                     | 1946 |                            |      |
| 08/31-10/29      |                            |       |                             |       |  |       |                                |      |  |      |   |      |  |      | 1333                       | 1333 |
| 04/01-03/31      | 13                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-03/31      | 13                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-11/30      | 1                          |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-03/31      | 46                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 12/01-03/31      | 107                        |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-11/30      | 77                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/15-05/30      | 2314                       |       | 2201                        | 982   | 3395   | 1533  | 2314                           | 2823 | 2314                                       | 2823 | 2201                                      | 4281 | 1021                                     | 1559 |                            |      |
| 04/01-03/31      | 13                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      | 2314                       | 2314 |
| 12/01-03/31      | 61                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-11/30      | 21                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-03/31      | 46                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 12/01-03/31      | 107                        |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-11/30      | 77                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-10/31      | 1459                       | 190   | 1435                        | 190   | 2652   | 310   | 1459                           | 1780 | 1459                                       | 1780 | 1435                                      | 2288 | 825                                      | 1330 |                            |      |
| 12/01-03/31      | 6                          |       |                             |       |  |       |                                |      |  |      |   |      |  |      | 1459                       | 1459 |
| 04/01-03/31      | 9                          |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-11/30      | 1                          |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-03/31      | 19                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 12/01-03/31      | 29                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-03/31      | 48                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-11/30      | 22                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 05/01-06/15      | 411                        | 298   | 395                         | 258   | 706  | 499   | 411                            | 501  | 411  | 501  | 395                                       | 725  | 283                                      | 437  |                            |      |
| 07/15-10/25      |                            |       |                             |       |  |       |                                |      |  |      |   |      |  |      | 411                        | 411  |
| 05/01-10/31      |                            |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 12/01-03/31      | 6                          |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-03/31      | 10                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-11/30      | 2                          |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 12/01-03/31      | 6                          |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-11/30      | 3                          |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-03/31      | 10                         |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 07/01-10/19      | 273                        |       | 250                         |       | 476  |       | 273                            | 333  | 273  | 333  | 250                                       | 560  | 258                                      | 383  |                            |      |
| 06/22-08/21      |                            |       |                             |       |  |       |                                |      |  |      |   |      |  |      | 273                        | 273  |
| 08/22-10/21      |                            |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-03/31      | 2                          |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |
| 04/01-03/31      | 7                          |       |                             |       |  |       |                                |      |  |      |   |      |  |      |                            |      |

## VALLEY RESOURCE AREA PROPOSED ANPFS IN ALTERNATIVE B CONTINUED

| ALLOT.<br>NO. | ALLOCATION<br>NAME                 | MGT<br>STB | ACRES   | EXCELLENT |       | GOOD |        | FAIR    |         | POOR   |       | UNSUITABLE |        | GRAZING<br>ANIMALS<br>NO. CLS |  |
|---------------|------------------------------------|------------|---------|-----------|-------|------|--------|---------|---------|--------|-------|------------|--------|-------------------------------|--|
|               |                                    |            |         | BLM       | OTHER | BLM  | OTHER  | BLM     | OTHER   | BLM    | OTHER | BLM        | OTHER  |                               |  |
| 4116          | Hawk Coulee                        | P          | 5278.5  | 2442.5    | 42.0  | 0    | 3092.7 | 1209.3  | 1736.5  | 1157.1 | 0     | 0          | 407.3  | 76.1                          | 62 CA<br>6 AN<br>1 AN<br>3 AN<br>11 DM   |
| 4126          | Dry West                           | P          | 399.0   | 144.6     | 5.2   | 0    | 0      | 15.8    | 391.4   | 128.8  | 0     | 0          | 2.4    | 0                             | 60 CA<br>5 AN<br>1 AN<br>1 AN<br>1 DM  |
| 4302          | Bear Creek                         | P          | 14789.0 | 3106.3    | 0     | 0    | 8620.6 | 1615.8  | 5921.6  | 1437.3 | 0     | 0          | 246.8  | 53.2                          | 625 CA<br>395 CA<br>295 CA<br>500<br>65 CA<br>10 AN<br>32 DM   |
| 4303          | Buggy Creek                        | P          | 14960.6 | 18080.2   | 37.6  | 92.8 | 8297.0 | 12536.1 | 6377.6  | 5343.2 | 0     | 0          | 248.4  | 106.1                         | 1150 Y<br>488 Y<br>518 Y<br>488 Y<br>350 Y<br>900 CA<br>535 CA<br>573 CA<br>635 CA<br>545 CA<br>840 CA<br>230<br>53 AN<br>4 AN<br>6 AN<br>104 DM<br>312 DM<br>6 DM |
| 4503          | Middle Coon Coulee                 | P          | 186.3   | 497.1     | 0     | 0    | 0      | 85.9    | 186.3   | 411.2  | 0     | 0          | 0      | 0                             | 4 CA<br>1 AN<br>1 DM<br>3 DM   |
| 4535          | South Fork -<br>Antelope Creek     | P          | 8875.3  | 1390.9    | 0     | 0    | 267.2  | 0       | 8389.1  | 1354.6 | 0     | 0          | 219.0  | 36.3                          | 40 CA<br>58 CA<br>80 CA<br>90 CA<br>13 AN<br>19 DM   |
| 4537          | Lower North Fork<br>Antelope Creek | P          | 2156.1  | 208.4     | 0     | 0    | 198.5  | 28.5    | 1894.8  | 170.5  | 0     | 0          | 62.8   | 9.4                           | 84 CA<br>3 AN<br>5 DM  |
| 4539          | Hardscrabble Creek                 | P          | 2005.8  | 1127.1    | 0     | 0    | 130.8  | 61.0    | 1843.4  | 1055.0 | 0     | 0          | 31.6   | 11.1                          | 200 CA<br>3 AN<br>6 DM   |
| 4540          | Hay Coulee                         | P          | 3172.3  | 2871.4    | 0     | 0    | 33.7   | 101.2   | 3069.5  | 2711.0 | 0     | 0          | 69.1   | 59.2                          | 500<br>190 CA<br>99 CA<br>190 CA<br>5 AN<br>12 DM  |
| 4546          | Lost Coulee                        | P          | 11237.3 | 2795.4    | 0     | 0    | 5237.3 | 1575.3  | 5028.2  | 1025.6 | 0     | 0          | 971.8  | 194.5                         | 360 CA<br>14 CA<br>16 AN<br>28 DM<br>39 DM<br>17 DM  |
| 4550          | South Shed Coulee                  | P          | 13602.5 | 2313.1    | 20.0  | 22.0 | 9954.8 | 1817.9  | 3281.2  | 623.6  | 0     | 0          | 346.5  | 49.6                          | 373 CA<br>19 AN<br>14 DM<br>97 DM<br>42 DM   |
| 4551          | Upper Brazil Creek                 | P          | 27250.8 | 1892.5    | 0     | 0    | 5881.1 | 225.7   | 20304.7 | 1636.5 | 0     | 0          | 1065.0 | 30.3                          | 26 CA<br>472 CA<br>41 CA<br>23 CA<br>37 AN<br>53 DM  |

| SEASON OF USE | CURRENT AUMs | REC. STOCKING POTEN. FORAGE |      |       | ALTERNATIVE A |            | ALTERNATIVE B   |           | ALTERNATIVE C          |          | ALTERNATIVE D |                | ALTERNATIVE E |         | ALTERNATIVE F |     |      |      |    |
|---------------|--------------|-----------------------------|------|-------|---------------|------------|-----------------|-----------|------------------------|----------|---------------|----------------|---------------|---------|---------------|-----|------|------|----|
|               |              | BLW                         | BLW  | OTHER | RATE/ADMS     | PRODUCTION | ENHAN. COMBINED | VIG. USES | CONT. OF PRESENT MONT. | ENHANCED | ENHANCED      | WATER/WILDLIFE | NO LIVESTOCK  | GRAZING | ST            | LT  | ST   | LT   | ST |
| 03/01-03/28   | 739          |                             |      |       | 938           | 465        | 1439            | 758       | 739                    | 902      | 739           | 902            | 938           | 1367    | 491           | 627 | 739  | 739  |    |
| 12/01-03/31   | 3            |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-11/30   | 1            |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-03/31   | 5            |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-03/31   | 26           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 07/01-08/29   | 88           | 34                          | 72   | 36    | 143           | 68         | 88              | 170       | 88                     | 170      | 72            | 182            | 88            | 170     |               |     | 88   | 88   |    |
| 12/01-03/31   | 3            |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-03/31   | 10           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-03/31   | 2            |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-03/31   | 2            |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 03/15-09/01   | 3091         | 509                         | 3033 | 629   | 4717          | 999        | 3091            | 3771      | 3091                   | 3771     | 3033          | 5395           | 2267          | 2683    |               |     | 3091 | 3091 |    |
| 09/03-10/31   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 11/01-11/15   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 06/15-11/15   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/29-06/01   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-03/31   | 16           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-03/31   | 79           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/15-04/30   | 2843         | 3903                        | 3171 | 4305  | 4978          | 6447       | 2843            | 3468      | 2843                   | 3468     | 3171          | 5611           | 1869          | 2345    |               |     | 2843 | 2843 |    |
| 05/01-05/25   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 05/01-05/31   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 09/03-09/25   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 09/21-11/15   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/15-05/15   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 05/01-05/25   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 05/01-05/31   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 09/02-11/01   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 11/02-11/15   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 11/16-11/25   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 12/01-03/31   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 12/01-03/31   | 29           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-11/30   | 4            |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-03/31   | 9            |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 12/01-03/31   | 83           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-11/30   | 50           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-03/31   | 14           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 03/01-02/28   | 50           |                             | 34   | 101   | 67            | 187        | 50              | 76        | 50                     | 76       | 34            | 67             | 49            | 66      |               |     | 50   | 50   |    |
| 04/01-03/31   | 2            |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-03/31   | 2            |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 12/01-03/31   | 2            |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 03/01-10/31   | 1373         | 235                         | 1316 | 215   | 2571          | 430        | 1373            | 1675      | 1373                   | 1675     | 1316          | 2245           | 920           | 1424    |               |     | 1373 | 1373 |    |
| 05/01-10/31   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 05/01-10/31   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-10/31   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-03/31   | 20           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-03/31   | 46           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 06/01-10/31   | 420          |                             | 339  | 33    | 635           | 62         | 420             | 512       | 420                    | 512      | 339           | 570            | 336           | 457     |               |     | 420  | 420  |    |
| 04/01-03/31   | 5            |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-03/31   | 12           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 07/01-10/15   | 459          | 211                         | 353  | 191   | 676           | 370        | 459             | 560       | 459                    | 560      | 353           | 652            | 459           | 608     |               |     | 459  | 459  |    |
| 04/01-03/31   | 5            |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-03/31   | 14           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 03/01-02/28   | 365          | 556                         | 498  | 457   | 990           | 892        | 365             | 689       | 365                    | 689      | 498           | 929            | 359           | 589     |               |     | 365  | 365  |    |
| 05/01-06/20   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 06/21-07/18   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 07/19-11/01   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-03/31   | 8            |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-03/31   | 29           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/16-10/22   | 1865         | 423                         | 1996 | 533   | 3169          | 809        | 1865            | 2275      | 1865                   | 2275     | 1996          | 3134           | 1137          | 1406    |               |     | 1865 | 1865 |    |
| 05/01-05/22   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-03/31   | 25           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-03/31   | 67           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 12/01-03/31   | 31           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-11/30   | 27           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-10/31   | 2289         | 321                         | 2946 | 528   | 4297          | 776        | 2289            | 2793      | 2289                   | 2793     | 2946          | 5043           | 1304          | 1569    |               |     | 2289 | 2289 |    |
| 04/01-03/31   | 30           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-03/31   | 34           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 12/01-03/31   | 78           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-11/30   | 67           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 05/01-10/31   | 3018         | 344                         | 3999 | 279   | 7227          | 529        | 3018            | 3682      | 3018                   | 3682     | 3999          | 7719           | 2037          | 4090    |               |     | 3018 | 3018 |    |
| 05/01-10/31   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 05/01-10/31   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 05/01-10/31   |              |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-03/31   | 58           |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |
| 04/01-03/31   | 127          |                             |      |       |               |            |                 |           |                        |          |               |                |               |         |               |     |      |      |    |

## VALLEY RESOURCE AREA PROPOSED AMPS IN ALTERNATIVE B CONTINUED (Also proposed in A, C and D)

| ALLOT.<br>NO. | ALLOTMENT<br>NAME            | MOT<br>P | ACRES<br>755<br>22437.5 | RANGE CONDITION |       |        |        |         |        |        |       |            |       | GRAZING<br>NO.<br>427 | CLAS |    |  |
|---------------|------------------------------|----------|-------------------------|-----------------|-------|--------|--------|---------|--------|--------|-------|------------|-------|-----------------------|------|----|--|
|               |                              |          |                         | EXCELLENT       |       | GOOD   |        | FAIR    |        | POOR   |       | UNSUITABLE |       |                       |      |    |  |
|               |                              |          |                         | BLK             | OTHER | BLK    | OTHER  | BLK     | OTHER  | BLK    | OTHER | BLK        | OTHER |                       |      |    |  |
| 4553          | Brasil Creek                 | P        | 22437.5                 | 4192.2          | 0     | 7597.0 | 282.7  | 14291.5 | 3867.3 | 0      | 0     | 549.0      | 42.7  | 33                    | C    |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 1                     |      |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 140                   | C    |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 86                    | C    |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 111                   | C    |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 57                    | C    |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 8                     | C    |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 300                   | C    |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 90                    | C    |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 3                     | AN   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 31                    | AN   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 64                    | DM   |    |  |
| 4554          | Lower South Fork<br>Antelope | P        | 3415.7                  | 239.1           | 0     | 0      | 749.4  | 40.1    | 2623.5 | 194.7  | 0     | 0          | 42.8  | 4.3                   | 104  | C  |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 5                     | AN   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 7                     | DM   |    |  |
| 4557          | Second Brasil Creek          | P        | 3061.2                  | 1435.5          | 0     | 0      | 64.5   | 30.2    | 2973.9 | 1393.1 | 0     | 0          | 22.8  | 12.2                  | 300  | C  |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 300                   | C    |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 6                     | AN   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 18                    | DM   |    |  |
| 4573          | Little Beaver Creek          | P        | 7876.5                  | 640.0           | 0     | 0      | 2697.6 | 52.0    | 4912.1 | 558.6  | 0     | 0          | 266.8 | 29.4                  | 140  | C  |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 12                    | AN   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 17                    | DM   |    |  |
| 4703          | Upper Rock Coulees           | P        | 3242.8                  | 1009.8          | 0     | 0      | 763.3  | 244.6   | 2474.3 | 765.2  | 0     | 0          | 5.2   | 0                     | 140  | C  |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 10                    | DM   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 2                     | AN   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 5                     | DM   |    |  |
| 4707          | East Fork Crow<br>Creek      | P        | 13774.8                 | 2748.4          | 0     | 0      | 4896.0 | 304.7   | 8283.5 | 2434.4 | 0     | 0          | 595.3 | 9.3                   | 80   | Y  |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 20                    | C    |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 200                   | C    |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 400                   | C    |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 8                     | AN   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 27                    | DM   |    |  |
| 4711          | North Willow Creek           | P        | 11006.5                 | 2597.3          | 0     | 76.0   | 4430.7 | 2677.7  | 6121.2 | 822.8  | 0     | 0          | 454.6 | 20.8                  | 113  | C  |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 95                    | C    |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 103                   | C    |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 94                    | C    |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 97                    | C    |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 30                    | C    |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 88                    | C    |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 38                    | AN   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 2                     | AN   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 5                     | AN   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 2                     | DM   |    |  |
| 4722          | Bitter Creek                 | P        | 5019.7                  | 9233.1          | 0     | 39.8   | 1932.7 | 3674.4  | 2753.2 | 5487.3 | 24.7  | 0          | 309.1 | 31.6                  | 35   | CA |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 40                    | CA   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 9                     | AN   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 1                     | AN   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 2                     | AN   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 27                    | DM   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 10                    | DM   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 4                     | DM   |    |  |
| 4724          | Lower Rock Creek             | P        | 2069.7                  | 1332.5          | 0     | 0      | 594.8  | 466.3   | 1446.1 | 742.5  | 26.8  | 123.2      | 2.0   | 0.5                   | 33   | CA |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 40                    | CA   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 9                     | AN   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 1                     | AN   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 16                    | DM   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 6                     | DM   |    |  |
|               |                              |          |                         |                 |       |        |        |         |        |        |       |            |       | 2                     | DM   |    |  |
| SUB TOTALS    |                              |          | 257699                  | 82939           | 858   | 406    | 90048  | 34751   | 134013 | 46083  | 245   | 123        | 12533 | 1576                  |      |    |  |

| SEASON      | CURRENT ADMs<br>OF USE | REC. STOCKING<br>RATES/ADM |       |       |       | POTEN. FORAGE<br>PRODUCTION | ENHAN. COMBINED<br>VEG. USED | ALTERNATIVE A |       | ALTERNATIVE B |       | ALTERNATIVE C |       | ALTERNATIVE D |      | ALTERNATIVE E |       | ALTERNATIVE F |    |
|-------------|------------------------|----------------------------|-------|-------|-------|-----------------------------|------------------------------|---------------|-------|---------------|-------|---------------|-------|---------------|------|---------------|-------|---------------|----|
|             |                        | BLW                        | OTHER | BLW   | OTHER |                             |                              | BLW           | LT    | BLW           | LT    | BLW           | LT    | BLW           | LT   | BLW           | LT    | BLW           | LT |
| 05/16-11/15 | 3503                   | 781                        |       | 3630  | 625   | 6202                        | 1212                         | 3503          | 4274  | 3503          | 4274  | 3630          | 3604  | 2886          | 3590 | 3503          | 3503  |               |    |
| 06/10-10/09 |                        |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 03/01-10/31 |                        |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 05/01-10/31 |                        |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 05/01-11/15 |                        |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 05/16-01/15 |                        |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 06/01-10/31 |                        |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 05/01-11/15 |                        |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 06/08-09/01 |                        |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/01-03/31 | 58                     |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/01-03/31 | 154                    |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 05/16-10/15 | 483                    | 39                         | 598   | 41    | 1079  | 76                          | 483                          | 589           | 483   | 589           | 598   | 862           | 338   | 498           |      |               | 483   | 483           |    |
| 04/01-03/31 | 8                      |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/01-03/31 | 17                     |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 05/01-06/31 | 665                    | 235                        | 501   | 235   | 994   | 466                         | 665                          | 811           | 665   | 811           | 501   | 967           | 228   | 475           |      |               | 665   | 665           |    |
| 01/01-11/30 |                        |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/01-03/31 | 6                      |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/01-03/31 | 43                     |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/20-10/19 | 705                    | 137                        | 1168  | 82    | 1987  | 160                         | 705                          | 860           | 705   | 860           | 1168  | 1528          | 427   | 620           |      |               | 705   | 705           |    |
| 04/01-03/31 | 19                     |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/01-03/31 | 41                     |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 05/01-09/30 | 661                    | 112                        | 655   | 205   | 1167  | 367                         | 661                          | 806           | 661   | 806           | 655   | 1209          | 410   | 729           |      |               | 661   | 661           |    |
| 05/01-11/15 |                        |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/01-03/31 | 3                      |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/01-03/31 | 12                     |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/20-10/31 | 1981                   | 534                        | 2395  | 479   | 4098  | 911                         | 1981                         | 2417          | 1981  | 2417          | 2395  | 4195          | 1422  | 2530          |      |               | 1981  | 1981          |    |
| 06/01-10/09 |                        |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 05/01-11/15 |                        |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 07/16-11/01 |                        |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/01-03/31 | 13                     |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/01-03/31 | 65                     |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 05/20-10/09 | 2209                   | 602                        | 2158  | 616   | 3544  | 903                         | 2209                         | 3314          | 2209  | 3314          | 2158  | 4004          | 1653  | 2062          |      |               | 2209  | 2209          |    |
| 05/22-10/09 |                        |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 06/01-10/09 |                        |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 06/07-10/09 |                        |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 06/11-10/09 |                        |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 05/01-10/09 |                        |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 05/01-10/31 |                        |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 12/01-03/31 | 20                     |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/01-11/30 | 2                      |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/01-03/31 | 8                      |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/01-03/31 | 53                     |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 03/01-02/28 | 439                    | 476                        | 952   | 1955  | 1600  | 3238                        | 439                          | 1008          | 439   | 1008          | 952   | 1687          | 135   | 511           |      |               | 439   | 439           |    |
| 03/01-02/28 |                        |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 12/01-03/31 | 5                      |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/01-11/30 | 1                      |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/01-03/31 | 2                      |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 12/01-03/31 | 22                     |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/01-03/31 | 16                     |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/01-03/31 | 10                     |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 03/01-02/28 | 392                    | 451                        | 295   | 793   | 529   | 392                         | 478                          | 392           | 478   | 451           | 840   | 252           | 449   |               |      | 392           | 392   |               |    |
| 12/01-03/31 | 5                      |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/01-11/30 | 1                      |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/01-03/31 | 2                      |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 12/01-03/31 | 13                     |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/01-11/30 | 10                     |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 04/01-03/31 | 5                      |                            |       |       |       |                             |                              |               |       |               |       |               |       |               |      |               |       |               |    |
| 41142       | 12611                  | 45211                      | 16695 | 75656 | 27373 | 41142                       | 51753                        | 41142         | 51753 | 45211         | 79467 | 28772         | 41807 |               |      | 41142         | 41142 |               |    |

## VALLEY RESOURCE AREA EXISTING AMPS

| ALLOT.<br>NO. | ALLOTMENT<br>NAME      | HGT<br>E | STS     | ACRES  | EXCELLENT |       | GOOD   |        | RANGE CONDITION |        | POOR  |       | UNSUITABLE |       | GRAZING<br>ANIMALS<br>NO.        | CLS  |
|---------------|------------------------|----------|---------|--------|-----------|-------|--------|--------|-----------------|--------|-------|-------|------------|-------|----------------------------------|--|
|               |                        |          |         |        | BLM       | OTHER | BLM    | OTHER  | BLM             | OTHER  | BLM   | OTHER | BLM        | OTHER |                                  |  |
| 4000          | Upper Crow Creek       | E        | 4501.8  | 1125.8 | 62.0      | 0     | 1470.4 | 425.5  | 2960.9          | 700.3  | 0     | 0     | 8.5        | 0     | 203                              | CA<br>AN<br>3<br>DM<br>9   |
| 4002          | Upper Bluff Creek      | E        | 3097.2  | 1870.2 | 26.9      | 0     | 1728.8 | 943.0  | 1309.4          | 925.2  | 0     | 0     | 32.1       | 2.0   | 175                              | CA<br>2<br>AN<br>6<br>DM   |
| 4003          | Upper E. Fork Crow     | E        | 5604.3  | 384.3  | 0         | 0     | 2072.6 | 71.6   | 3336.3          | 301.9  | 0     | 0     | 195.4      | 10.8  | 299                              | CA<br>3<br>AN<br>11<br>DM  |
| 4008          | W. Fork Bluff Creek    | E        | 4052.9  | 3378.2 | 0         | 0     | 696.9  | 515.0  | 3221.2          | 2836.6 | 76.8  | 0     | 58.0       | 26.6  | 225                              | CA<br>3<br>AN<br>8<br>DM   |
| 4022          | Lower Bluff Creek      | E        | 4494.4  | 1358.6 | 0         | 0     | 2848.4 | 984.8  | 1645.2          | 370.2  | 0     | 0     | 0.8        | 0     | 150                              | CA<br>300<br>65<br>250<br>3<br>AN<br>11<br>DM                        |
| 4041          | Anderson-Ojuel         | E        | 17216.7 | 8747.4 | 1083.8    | 0     | 6015.0 | 4582.7 | 8912.3          | 3896.1 | 0     | 0     | 1205.6     | 268.6 | 1032                             | Y<br>300<br>10<br>AN<br>39<br>DM                                     |
| 4053          | E. Fork Willow Creek   | E        | 15645.5 | 4002.1 | 0         | 0     | 1527.9 | 534.5  | 12559.4         | 3310.5 | 0     | 0     | 1558.2     | 157.1 | 48                               | CA<br>650<br>7<br>AN<br>51<br>2<br>23<br>23<br>70<br>DM              |
| 4078          | Upper Lime Creek       | E        | 3143.1  | 191.3  | 0         | 0     | 2640.8 | 162.1  | 410.3           | 28.0   | 0     | 0     | 92.0       | 1.2   | 108                              | CA<br>2<br>AN<br>11<br>DM  |
| 4301          | Upper Buggy Creek      | E        | 8168.1  | 9379.1 | 0         | 108.9 | 4951.4 | 8681.4 | 2945.5          | 552.9  | 0     | 0     | 271.2      | 35.9  | 750                              | SH<br>650<br>100<br>650<br>7<br>AN<br>5<br>44<br>16<br>14<br>7<br>DM |
| 4525          | Coon Coulee            | E        | 2146.1  | 342.2  | 0         | 0     | 606.1  | 140.7  | 1540.0          | 201.5  | 0     | 0     | 0          | 0     | 107                              | CA<br>3<br>AN<br>9<br>DM   |
| 4548          | Boxelder Creek         | E        | 12717.1 | 53.4   | 0         | 0     | 5878.4 | 40.6   | 6223.1          | 12.8   | 0     | 0     | 615.6      | 0     | 128                              | Y<br>235<br>19<br>45<br>19<br>8<br>DM                                |
| 4563          | Coyote Creek           | E        | 6287.8  | 2368.3 | 0         | 0     | 3825.9 | 1291.7 | 2327.9          | 945.7  | 36.9  | 90.0  | 97.1       | 40.9  | 38<br>137<br>70<br>5<br>12<br>DM |  |
| 4571          | Grant Coulee           | E        | 15214.5 | 1988.4 | 0         | 0     | 5643.9 | 15.7   | 9188.6          | 1947.3 | 0     | 0     | 382.0      | 25.4  | 92                               | CA<br>262<br>22<br>AN<br>38<br>DM                                    |
| 4574          | Miller Coulee          | E        | 22894.7 | 658.4  | 0         | 0     | 1929.2 | 0      | 20017.6         | 638.3  | 144.9 | 0     | 803.0      | 20.1  | 72                               | CA<br>122<br>75<br>105<br>31<br>45<br>DM                             |
| 4516          | Lower Willow Creek     | E        | 5312.6  | 1029.7 | 0         | 0     | 1384.5 | 509.3  | 3587.1          | 355.5  | 0     | 0     | 341.0      | 164.9 | 150                              | CA<br>8<br>32<br>DM  |
| 4700          | Upper McEachran Coulee | E        | 5725.3  | 4676.7 | 0         | 0     | 2789.0 | 2475.7 | 2903.4          | 2182.7 | 0     | 0     | 32.9       | 18.3  | 372                              | CA<br>3<br>DM<br>10  |

| SEASON<br>OF TSE | CURRENT<br>ALIVE<br>HHR OTHER | REC. STOCKING<br>RATE/ACRE | POSEN, FORAGE<br>PRODUCTION | ALTERNATIVE A |           | ALTERNATIVE B              |            | ALTERNATIVE C         |            | ALTERNATIVE D                 |            | ALTERNATIVE E                  |            | ALTERNATIVE F                |            |      |
|------------------|-------------------------------|----------------------------|-----------------------------|---------------|-----------|----------------------------|------------|-----------------------|------------|-------------------------------|------------|--------------------------------|------------|------------------------------|------------|------|
|                  |                               |                            |                             | BLK OTHER     | BLK OTHER | BLK, COMBINED<br>VEG. USES | BLK, OTHER | BLK, PRESENT<br>MORT. | BLK, OTHER | BLK, ENHANCED<br>LIV., FORAGE | BLK, OTHER | BLK, ENHANCED<br>WATERWILDLIFE | BLK, OTHER | BLK, NO LIVESTOCK<br>GRAZING | BLK, OTHER |      |
| 05/15-10/15      | 824                           | 200                        | 855                         | 227           | 1455      | 384                        | 824        | 1279                  | 824        | 1279                          | 1007       | 1906                           | 327        | 827                          | 824        | 17   |
| 04/01-03/31      | 5                             |                            |                             | 22            |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 05/01-10/15      | 586                           | 377                        | 646                         | 391           | 1014      | 631                        | 586        | 715                   | 586        | 715                           | 646        | 1826                           | 341        | 443                          | 586        | 586  |
| 04/01-03/31      |                               |                            |                             | 14            |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 06/21-09/30      | 944                           | 53                         | 1027                        | 63            | 1733      | 117                        | 944        | 1152                  | 944        | 1152                          | 1027       | 1860                           | 860        | 1090                         | 944        | 944  |
| 04/01-03/31      | 5                             |                            |                             | 26            |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 05/01-10/16      | 787                           | 387                        | 740                         | 632           | 1377      | 1163                       | 787        | 960                   | 787        | 960                           | 1740       | 1570                           | 636        | 1015                         | 787        | 787  |
| 04/01-03/31      | 5                             |                            |                             | 19            |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/16-05/27      | 798                           | 235                        | 1089                        | 349           | 1654      | 513                        | 798        | 974                   | 798        | 974                           | 1089       | 2090                           | 442        | 572                          | 798        | 798  |
| 05/28-06/20      |                               |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 06/21-09/30      |                               |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 10/01-11/15      |                               |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-03/31      | 5                             |                            |                             | 26            |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 05/15-08/31      | 2572                          | 1409                       | 3138                        | 1782          | 4945      | 2771                       | 2572       | 3138                  | 2572       | 3138                          | 3138       | 5715                           | 1569       | 2294                         | 2572       | 2572 |
| 05/15-09/07      |                               |                            |                             | 16            |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-03/31      | 94                            |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 08/01-09/31      | 2013                          | 716                        | 2272                        | 668           | 4217      | 1221                       | 2013       | 2456                  | 2013       | 2456                          | 2272       | 4066                           | 2013       | 3027                         | 2013       | 2013 |
| 06/31-10/31      |                               |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-03/31      | 11                            |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 12/01-03/31      | 27                            |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-11/30      | 3                             |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-03/31      | 37                            |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-03/31      | 55                            |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 12/01-03/31      | 56                            |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 06/01-10/31      | 504                           | 38                         | 696                         | 50            | 978       | 70                         | 504        | 615                   | 504        | 615                           | 696        | 1220                           | 404        | 412                          | 504        | 504  |
| 04/01-03/31      | 3                             |                            |                             | 26            |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/10-09/30      | 1565                          | 1997                       | 1649                        | 2433          | 2507      | 3317                       | 1565       | 1909                  | 1565       | 1909                          | 1649       | 2628                           | 812        | 1030                         | 1565       | 1565 |
| 04/12-06/30      |                               |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 06/20-09/01      |                               |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 11/01-11/30      |                               |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 12/01-03/31      | 4                             |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-11/30      | 5                             |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-03/31      | 69                            |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-03/31      | 38                            |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 12/01-03/31      | 11                            |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-11/30      | 11                            |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 08/01-10/31      | 541                           | 93                         | 430                         | 69            | 753       | 116                        | 541        | 660                   | 541        | 660                           | 430        | 789                            | 359        | 475                          | 541        | 541  |
| 01/01-03/31      | 7                             |                            |                             | 22            |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-03/31      |                               |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-10/15      | 2034                          | 6                          | 2204                        | 13            | 3574      | 119                        | 2034       | 2481                  | 2034       | 2481                          | 2204       | 3611                           | 1171       | 1702                         | 2034       | 2034 |
| 04/15-10/15      |                               |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-03/31      | 30                            |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-03/31      | 108                           |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 12/01-03/31      | 15                            |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-11/30      | 13                            |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 03/01-10/15      | 957                           | 391                        | 1202                        | 441           | 1835      | 699                        | 957        | 1168                  | 957        | 1168                          | 1202       | 1880                           | 608        | 720                          | 957        | 957  |
| 03/01-10/15      |                               |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-10/15      |                               |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 05/01-10/15      |                               |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-03/31      | 64                            |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-03/31      | 29                            |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-11/28      | 2529                          | 127                        | 2601                        | 312           | 4382      | 621                        | 2529       | 3085                  | 2529       | 3085                          | 2601       | 4062                           | 1608       | 2323                         | 2529       | 2529 |
| 04/01-11/28      |                               |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-03/31      | 35                            |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-03/31      | 91                            |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-10/31      | 2300                          | 155                        | 3104                        | 89            | 5957      | 178                        | 2300       | 2806                  | 2300       | 2806                          | 3104       | 4562                           | 1229       | 1994                         | 2300       | 2300 |
| 04/01-10/31      |                               |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 05/01-10/31      |                               |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-10/31      |                               |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-03/31      | 49                            |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-03/31      | 108                           |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 06/01-10/10      | 488                           | 162                        | 847                         | 168           | 1438      | 257                        | 488        | 595                   | 488        | 595                           | 847        | 1141                           | 375        | 577                          | 488        | 488  |
| 04/01-03/31      | 13                            |                            |                             | 77            |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 04/01-03/31      |                               |                            |                             |               |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |
| 05/01-09/31      | 1006                          | 853                        | 1248                        | 1066          | 2000      | 1669                       | 1006       | 2233                  | 1006       | 2233                          | 1248       | 2387                           | 604        | 1210                         | 1006       | 1006 |
| 04/01-03/31      | 5                             |                            |                             | 24            |           |                            |            |                       |            |                               |            |                                |            |                              |            |      |

## VALLEY RESOURCE AREA EXISTING ANPs CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME    | MCT<br>STS | ACRES   | EXCELLENT |       | GOOD  |         | FAIR   |         | POOR   |       | UNSUITABLE |        | NO.<br>CLS | CRAZING<br>ANIMALS   |
|---------------|----------------------|------------|---------|-----------|-------|-------|---------|--------|---------|--------|-------|------------|--------|------------|--|
|               |                      |            |         | BLM       | OTHER | BLM   | OTHER   | BLM    | OTHER   | BLM    | OTHER | BLM        | OTHER  |            |  |
| 4701          | Deverson Coulee      | E          | 2295.5  | 1294.2    | 0     | 0     | 2201.2  | 476.3  | 3022.9  | 814.3  | 0     | 0          | 70.4   | 3.6        | 347<br>CA<br>AN<br>DM  |
| 4708          | Ichpaine Creek       | E          | 10894.6 | 3020.7    | 0     | 0     | 7803.8  | 1960.3 | 3068.5  | 1060.0 | 0     | 0          | 22.3   | 0.4        | 648<br>Y<br>16<br>AN<br>1<br>AN<br>6<br>AN<br>23<br>DM   |
| 4713          | Lower Crow Creek     | E          | 3413.7  | 751.3     | 0     | 0     | 1265.5  | 340.7  | 2139.4  | 410.6  | 0     | 0          | 8.8    | 0          | 105<br>CA<br>45<br>CA<br>2<br>AN<br>3<br>DM<br>1<br>DM<br>1<br>DM  |
| 4715          | E. Rock Creek        | E          | 1912.8  | 1672.5    | 0     | 40.6  | 927.1   | 845.6  | 922.9   | 707.9  | 0     | 0          | 62.8   | 78.4       | 105<br>Y<br>12<br>AN<br>1<br>AN<br>1<br>AN<br>4<br>DM  |
| 4716          | Jones Coulee         | E          | 3670.8  | 458.1     | 344.8 | 37.8  | 2596.5  | 370.3  | 729.5   | 50.0   | 0     | 0          | 0      | 0          | 60<br>CA<br>120<br>CA<br>5<br>CA<br>31<br>AN<br>1<br>AN<br>1<br>AN<br>7<br>DM                                |
| 4718          | Upper Willow Creek   | E          | 26222.5 | 8436.8    | 104.7 | 129.7 | 10779.8 | 4349.6 | 13070.1 | 3735.3 | 140.7 | 0          | 2127.2 | 222.2      | 400<br>CA<br>800<br>CA<br>1200<br>CA<br>71<br>AN<br>3<br>AN<br>11<br>AN<br>123<br>DM<br>41<br>DM<br>55<br>DM |
| 4723          | Little Papoose Creek | E          | 8865.9  | 4528.0    | 650.9 | 324.6 | 4049.5  | 2196.4 | 3839.2  | 1960.1 | 10.0  | 0          | 316.3  | 46.9       | 254<br>CA<br>81<br>CA<br>11<br>CA<br>6<br>AN<br>84<br>DM<br>31<br>DM<br>11<br>DM                             |
| 4726          | Eagles Nest Coulee   | E          | 18073.9 | 2933.0    | 80.0  | 15.6  | 10457.6 | 2074.3 | 6457.0  | 788.7  | 76.9  | 4.9        | 1002.4 | 49.5       | 482<br>CA<br>70<br>AN<br>3<br>AN<br>8<br>AN<br>190<br>DM<br>70<br>DM<br>11<br>DM                             |
| SUB TOTAL     |                      |            | 214572  | 64649     | 2353  | 657   | 86091   | 33991  | 116338  | 28733  | 486   | 95         | 9304   | 1173       |  |

| SEASON<br>OF USE | CURRENT ADM.<br>BLW<br>OTHER | REC. STOCKING<br>RATE/AUCTION<br>PRODUCTION | ALTERNATIVE A |       | ALTERNATIVE B |       | ALTERNATIVE C |       | ALTERNATIVE D |       | ALTERNATIVE E |       | ALTERNATIVE F |       |
|------------------|------------------------------|---|---------------|-------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|
|                  |                              |   | BLW           | OTHER | BLW           | OTHER | ST            | LT    | ST            | LT    | ST            | LT    | ST            | LT    |
| 03/20-09/10      | 1187                         | 70  | 1051          | 259   | 1732          | 434   | 1187          | 1448  | 1187          | 1448  | 1051          | 2003  | 741           | 1171  |
| 04/04-03/31      | 5                            |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-03/31      | 26                           |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/15-10/31      | 2350                         | 613   | 2836          | 723   | 4153          | 1094  | 2350          | 2867  | 2350          | 2867  | 2836          | 5126  | 1443          | 2423  |
| 12/01-11/30      | 8                            |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-03/31      | 1                            |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-03/31      | 9                            |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-03/31      | 55                           |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 05/01-11/03      | 641                          | 263   | 760           | 178   | 1278          | 290   | 641           | 704   | 641           | 704   | 760           | 1414  | 430           | 630   |
| 03/01-11/04      |                              |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-03/31      | 3                            |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 12/01-03/31      | 2                            |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-11/30      | 2                            |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-03/31      | 17                           |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/15-11/15      | 264                          | 179   | 372           | 312   | 592           | 479   | 264           | 322   | 264           | 322   | 372           | 621   | 104           | 214   |
| 12/01-03/31      | 6                            |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-11/30      | 1                            |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-03/31      | 2                            |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-03/31      | 10                           |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-04/15      | 739                          | 37  | 973           | 134   | 1354          | 181   | 739           | 902   | 739           | 902   | 973           | 1609  | 403           | 494   |
| 04/16-10/17      |                              |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-03/31      |                              |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 12/01-03/31      | 16                           |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-11/30      | 1                            |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-03/31      | 2                            |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-03/31      | 17                           |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 05/01-05/30      | 3946                         | 1553  | 4734          | 1775  | 7690          | 2078  | 3944          | 3217  | 3944          | 5217  | 4734          | 8348  | 3070          | 3910  |
| 05/31-06/15      |                              |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 06/16-10/17      |                              |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 12/01-03/31      | 37                           |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-11/30      | 3                            |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-03/31      | 20                           |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 12/01-03/31      | 98                           |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-01/31      | 66                           |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-03/31      | 132                          |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-11/15      | 1626                         | 857   | 1931          | 1048  | 2946          | 158   | 1626          | 1984  | 1626          | 1984  | 1931          | 3245  | 998           | 1720  |
| 05/01-11/15      |                              |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 06/15-09/15      |                              |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-03/31      | 9                            |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 12/01-03/31      | 67                           |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-11/30      | 50                           |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-03/31      | 26                           |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 05/01-11/30      | 2823                         | 550   | 3725          | 663   | 3699          | 977   | 2823          | 3444  | 2823          | 3444  | 3225          | 6514  | 1822          | 3254  |
| 12/01-03/31      | 37                           |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-11/30      | 3                            |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-03/31      | 13                           |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 12/01-03/31      | 152                          |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-11/30      | 112                          |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 04/01-03/31      | 26                           |   |               |       |               |       |               |       |               |       |               |       |               |       |
| 34022            | 11321                        | 40130                                       | 13845         | 65293 | 19537         | 34022 | 43114         | 34022 | 43114         | 40782 | 70195         | 22569 | 33527         |       |
|                  |                              |   |               |       |               |       |               |       |               |       |               |       |               | 34022 |

## VALLEY RESOURCE AREA NON-ANMPs

| ALLOT.<br>NO. | ALLOTMENT<br>NAME        | MGT<br>SIS | ACRES<br>45.8 | EXCELLENT |       | GOOD  |        | RANGE CONDITION |       | POOR  |       | UNSUITABLE |       | GRAZING<br>NO. | CLB |   |
|---------------|--------------------------|------------|---------------|-----------|-------|-------|--------|-----------------|-------|-------|-------|------------|-------|----------------|-----|---|
|               |                          |            |               | BLM       | OTHER | BLM   | OTHER  | BLM             | OTHER | BLM   | OTHER | BLM        | OTHER |                |     |   |
|               |                          |            |               | 0         | 0     | 0     | 0      | 0               | 0     | 0     | 0     | 0          | 0     |                |     |   |
| 4007          | N                        | 61.6       | 813.8         | 0         | 0     | 4.9   | 0      | 56.7            | 813.8 | 0     | 0     | 0          | 0     | 1              | C   |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | DM  |   |
| 4017          | Morgan Creek             | N          | 414.5         | 1735.8    | 0     | 0     | 414.5  | 1674.6          | 0     | 48.9  | 0     | 0          | 0     | 12.3           | 2   | C |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | DM  |   |
| 4018          | Upper South Creek        | N          | 1504.2        | 1888.3    | 0     | 0     | 1410.3 | 1298.5          | 86.3  | 376.0 | 0     | 0          | 7.4   | 13.8           | 27  | C |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 3              | DM  |   |
| 4027          |                          | N          | 154.3         | 1100.5    | 0     | 0     | 47.9   | 691.5           | 106.4 | 395.9 | 0     | 0          | 0     | 13.1           | 2   | C |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | DM  |   |
| 4028          |                          | N          | 199.8         | 137.8     | 0     | 0     | 4.9    | 16.0            | 194.9 | 121.8 | 0     | 0          | 0     | 0              | 12  | C |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | DM  |   |
| 4033          |                          | N          | 40.0          | 0         | 0     | 0     | 40.0   | 0               | 0     | 0     | 0     | 0          | 0     | 0              | 1   | C |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | DM  |   |
| 4034          |                          | N          | 464.0         | 169.8     | 0     | 0     | 179.5  | 117.0           | 283.7 | 57.8  | 0     | 0          | 0.8   | 0              | 12  | C |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 2              | C   |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | DM  |   |
| 4036          |                          | N          | 39.6          | 993.7     | 0     | 126.9 | 0      | 181.3           | 39.6  | 685.5 | 0     | 0          | 0     | 0              | 2   | C |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | DM  |   |
| 4042          |                          | N          | 490.4         | 703.5     | 0     | 0     | 473.2  | 349.0           | 13.8  | 351.7 | 0     | 0          | 3.4   | 2.8            | 8   | C |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | DM  |   |
| 4043          | Shaw Coulee              | N          | 58.8          | 161.9     | 0     | 0     | 46.6   | 161.9           | 9.5   | 0     | 0     | 0          | 2.7   | 0              | 1   | C |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | DM  |   |
| 4047          | Upper West Fork<br>Cache | N          | 345.0         | 411.4     | 0     | 0     | 0      | 0               | 345.0 | 411.4 | 0     | 0          | 0     | 0              | 4   | C |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 2              | DM  |   |
| 4051          |                          | N          | 119.8         | 0         | 0     | 0     | 108.9  | 0               | 10.9  | 0     | 0     | 0          | 0     | 0              | 2   | C |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | DM  |   |
| 4057          |                          | N          | 159.3         | 420.3     | 89.6  | 258.8 | 69.7   | 161.5           | 0     | 0     | 0     | 0          | 0     | 0              | 4   | C |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | DM  |   |
| 4062          |                          | N          | 1056.5        | 443.4     | 0     | 0     | 360.9  | 55.0            | 686.7 | 388.4 | 8.9   | 0          | 0     | 0              | 17  | C |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 2              | DM  |   |
| 4063          |                          | N          | 116.8         | 393.0     | 0     | 0     | 74.0   | 68.7            | 42.8  | 324.3 | 0     | 0          | 0     | 0              | 50  | C |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | DM  |   |
| 4064          |                          | S          | 151.8         | 0         | 0     | 0     | 159.8  | 0               | 0     | 0     | 0     | 0          | 0     | 0              | 7   | C |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | DM  |   |
| 4065          |                          | S          | 371.5         | 1841.0    | 0     | 0     | 14.9   | 983.3           | 356.6 | 857.7 | 0     | 0          | 0     | 0              | 7   | C |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | DM  |   |
| 4070          |                          | N          | 487.0         | 164.0     | 0     | 0     | 194.0  | 164.0           | 293.0 | 0     | 0     | 0          | 0     | 0              | 12  | C |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | DM  |   |
| 4073          |                          | N          | 66.7          | 6.0       | 0     | 0     | 39.8   | 0               | 26.9  | 6.0   | 0     | 0          | 0     | 0              | 1   | C |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | DM  |   |
| 4075          |                          | N          | 433.9         | 542.0     | 0     | 20    | 297.3  | 469.0           | 136.6 | 53.0  | 0     | 0          | 0     | 0              | 6   | C |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | DM  |   |
| 4076          |                          | N          | 194.9         | 0         | 124.0 | 0     | 70.9   | 0               | 0     | 0     | 0     | 0          | 0     | 0              | 3   | C |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | AN  |   |
|               |                          |            |               |           |       |       |        |                 |       |       |       |            |       | 1              | DM  |   |

| SEASON<br>OF USE | CURRENT<br>AUMs<br>NUM OTHER | REC.<br>RATES/AUMs<br>BLW OTHER | POTEN.<br>PRODUCTION<br>BLW OTHER | ALTERNATIVE A<br>ENH. COMBINED<br>ENH. USES |     | ALTERNATIVE B<br>CONT. OF<br>PRES. MANT. |     | ALTERNATIVE C<br>ENHANCED<br>LIVST. FORAGE |     | ALTERNATIVE D<br>ENHANCED<br>WATERMELDLIFE |     | ALTERNATIVE E<br>NO LIVESTOCK<br>GRAZING |     | ALTERNATIVE F<br>NO ACTION |     |
|------------------|------------------------------|---------------------------------|-----------------------------------|---|-----|--|-----|--|-----|--|-----|--|-----|----------------------------|-----|
|                  |                              |                                 |                                   | ST  | LT  | ST                                       | LT  | ST   | LT  | ST   | LT  | ST                                       | LT  | ST                         | LT  |
| 03/01-02/28      | 10                           | 11                              | 15                                | 82  | 10  | 82                                       | 10  | 21   | 11  | 82   | 10  | 21                                       | 11  | 7                          | 7   |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-10/31      | 7                            | 10                              | 142                               | 18  | 284 | 7  | 7   | 7  | 7   | 10   | 10  | 7  | 7   | 7                          | 7   |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 03/01-02/28      | 28                           | 109                             | 453                               | 146   | 614 | 28                                       | 28  | 28   | 109 | 109  | 109 | 28                                       | 28  | 28                         | 28  |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 03/01-02/28      | 254                          | 378                             | 437                               | 519   | 650 | 254                                      | 254 | 254  | 378 | 378  | 378 | 254                                      | 254 | 254                        | 254 |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 7                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 03/01-02/28      | 15                           | 32                              | 236                               | 55  | 356 | 15                                       | 15  | 15   | 32  | 32   | 32  | 15                                       | 15  | 15                         | 15  |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-07/20      | 44                           | 35                              | 28                                | 69  | 52  | 44                                       | 44  | 44   | 35  | 35   | 35  | 44                                       | 44  | 44                         | 44  |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 03/01-02/28      | 7                            | 11                              | 14                                |   | 7   | 7  | 7   | 7  | 11  | 11   | 11  | 7  | 7   | 7                          | 7   |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 03/01-04/05      | 64                           | 106                             | 56                                | 174   | 81  | 64                                       | 64  | 64   | 106 | 106  | 64  | 64                                       | 64  | 64                         | 64  |
| 11/01-02/28      |                              |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 06/01-10/01      | 7                            | 8                               | 245                               | 15  | 396 | 7  | 7   | 7  | 8   | 8  | 8   | 7  | 7   | 7                          | 7   |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 03/01-02/28      | 99                           | 115                             | 142                               | 157   | 229 | 99                                       | 99  | 99   | 115 | 115  | 99  | 99                                       | 99  | 99                         | 99  |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-12/31      | 9                            | 11                              | 38                                | 16  | 51  | 9  | 9   | 9  | 11  | 11   | 9   | 9  | 9   | 9                          | 9   |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 03/01-02/28      | 64                           | 64                              | 75                                | 128   | 150 | 64                                       | 64  | 64   | 64  | 64   | 64  | 64                                       | 64  | 64                         | 64  |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 5                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 03/01-02/28      | 22                           | 33                              | 45                                |   | 22  | 22                                       | 22  | 22   | 33  | 33   | 22  | 22                                       | 22  | 22                         | 22  |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-02/28      | 52                           | 46                              | 133                               | 51  | 148 | 52                                       | 52  | 52   | 46  | 46   | 52  | 52                                       | 52  | 52                         | 52  |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 03/01-02/28      | 208                          | 230                             | 86                                | 393   | 163 | 208                                      | 208 | 208  | 230 | 230  | 208 | 208                                      | 208 | 208                        | 208 |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 05/01-09/30      | 23                           | 226                             | 29                                | 77  | 45  | 141                                      | 23  | 23   | 23  | 29   | 29  | 23                                       | 23  | 23                         | 23  |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 03/01-07/30      | 36                           | 41                              | 55                                |   | 36  | 36                                       | 36  | 36   | 41  | 41   | 36  | 36                                       | 36  | 36                         | 36  |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 03/01-02/28      | 87                           | 73                              | 450                               | 142   | 712 | 87                                       | 87  | 87   | 73  | 73   | 87  | 87                                       | 87  | 87                         | 87  |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-12/31      | 112                          | 104                             | 48                                | 175   | 64  | 112                                      | 112 | 112  | 104 | 104  | 112 | 112                                      | 112 | 112                        | 112 |
| 04/01-03/31      | 1                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-11/30      | 1                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 03/01-02/28      | 14                           | 16                              | 1                                 | 24  | 2   | 14                                       | 14  | 14   | 16  | 16   | 14  | 14                                       | 14  | 14                         | 14  |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 03/01-02/28      | 76                           | 106                             | 150                               | 159   | 204 | 76                                       | 76  | 76   | 106 | 106  | 76  | 76                                       | 76  | 76                         | 76  |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 03/01-02/28      | 34                           | 64                              | 71                                |   | 34  | 34                                       | 34  | 34   | 64  | 64   | 34  | 34                                       | 34  | 34                         | 34  |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |
| 04/01-03/31      | 2                            |                                 |                                   |   |     |  |     |  |     |  |     |  |     |                            |     |

## VALLEY RESOURCE AREA NON-AMPs CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME      | MGT<br>NO. | ACRES  | EXCELLENT |     | GOOD  |       | FAIR  |       | POOR  |       | UNSUITABLE |     | NO.<br>CLSS | GRAZING<br>ANIMALS |    |
|---------------|------------------------|------------|--------|-----------|-----|-------|-------|-------|-------|-------|-------|------------|-----|-------------|--------------------|----|
|               |                        |            |        | STS       | BLK | OTHER | BLK   | OTHER | BLK   | OTHER | BLK   | OTHER      | BLK | OTHER       |                    |    |
| 4077          |                        |            | 475.1  |           | 4.0 | 0     | 409.7 | 0     | 56.7  | 0     | 0     | 0          | 4.7 | 0           | 6                  | C  |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | DM |
| 4081          |                        | N          | 86.0   | 0         | 0   | 0     | 82.0  | 0     | 4.0   | 0     | 0     | 0          | 0   | 0           | 4                  | BD |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | DM |
| 4084          |                        | N          | 315.6  | 998.1     | 0   | 0     | 241.2 | 210.3 | 71.3  | 783.1 | 0     | 0          | 3.1 | 4.7         | 2                  | C  |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 2                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | DM |
| 4086          | VIP Tract              | N          | 584.5  | 90.4      | 0   | 0     | 6.0   | 65.8  | 465.6 | 24.3  | 112.7 | 0          | 0.2 | 0.3         | 35                 | C  |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | DM |
| 4087          | Lower Lime Creek       | N          | 199.7  | 718.0     | 0   | 0     | 82.9  | 95.5  | 116.8 | 622.5 | 0     | 0          | 0   | 0           | 3                  | C  |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | DM |
| 4088          | Eleworth Coulee        | N          | 1278.7 | 1275.0    | 0   | 0     | 368.3 | 485.9 | 908.0 | 786.4 | 0     | 0          | 2.4 | 2.7         | 19                 | C  |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 3                  | DM |
| 4090          | Lower Alkali Creek     | N          | 319.7  | 0         | 0   | 0     | 267.9 | 0     | 51.8  | 0     | 0     | 0          | 0   | 0           | 4                  | C  |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | DM |
| 4093          |                        | N          | 340.0  | 299.6     | 0   | 0     | 204.8 | 131.4 | 126.6 | 163.8 | 0     | 0          | 8.6 | 4.4         | 42                 | C  |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | DM |
| 4095          |                        | N          | 159.8  | 136.5     | 0   | 0     | 126.9 | 119.5 | 32.9  | 17.0  | 0     | 0          | 0   | 0           | 2                  | C  |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | DM |
| 4096          |                        | N          | 320.0  | 392.7     | 0   | 0     | 0     | 0     | 320.0 | 392.7 | 0     | 0          | 0   | 0           | 25                 | C  |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | DM |
| 4097          | East Fork Cache Coulee | N          | 582.0  | 1039.4    | 0   | 0     | 409.0 | 505.5 | 172.4 | 526.3 | 0     | 0          | 0.6 | 7.6         | 8                  | C  |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | DM |
| 4103          |                        | N          | 418.9  | 0         | 0   | 0     | 0     | 0     | 329.0 | 0     | 89.9  | 0          | 0   | 0           | 36                 | C  |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | DM |
| 4104          |                        | N          | 399.0  | 0         | 0   | 0     | 175.8 | 0     | 143.3 | 0     | 79.9  | 0          | 0   | 0           | 16                 | C  |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 3                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | DM |
| 4107          |                        | N          | 85.3   | 408.2     | 0   | 0     | 19.6  | 210.8 | 57.6  | 187.1 | 0     | 0          | 8.1 | 10.3        | 2                  | C  |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | DM |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | DM |
| 4108          | Upper Martin Coulee    | N          | 495.5  | 48.0      | 0   | 0     | 71.9  | 21.0  | 423.6 | 27.0  | 0     | 0          | 0   | 0           | 25                 | C  |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 4                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | DM |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | DM |
| 4110          | Upper School Section   | N          | 218.0  | 491.6     | 0   | 0     | 204.5 | 396.8 | 8.0   | 89.0  | 0     | 0          | 5.5 | 5.8         | 8                  | C  |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 8                  | C  |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | DM |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | DM |
| 4114          | Lower Spring Coulee    | N          | 85.5   | 159.0     | 0   | 0     | 78.1  | 113.0 | 6.0   | 44.8  | 0     | 0          | 1.4 | 1.2         | 3                  | C  |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | DM |
| 4115          |                        | N          | 453.1  | 6.0       | 0   | 0     | 300.8 | 2.0   | 146.4 | 4.0   | 0     | 0          | 7.9 | 0           | 25                 | C  |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | DM |
| 4118          | Mooney Coulee          | N          | 377.2  | 119.7     | 0   | 0     | 129.6 | 0     | 247.6 | 119.7 | 0     | 0          | 0   | 0           | 5                  | C  |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | AN |
|               |                        |            |        |           |     |       |       |       |       |       |       |            |     |             | 1                  | DM |

| SEASON<br>OF USE | CURRENT AIDS | REC.<br>SRK. | STOCKING<br>RATES/AUMs | POTEN.<br>BLK. | FORAGE<br>PRODUCTION | ALTERNATIVE A |     | ALTERNATIVE B  |                          | ALTERNATIVE C |     | ALTERNATIVE D             |               | ALTERNATIVE E |               | ALTERNATIVE F |                         |               |
|------------------|--------------|--------------|------------------------|----------------|----------------------|---------------|-----|----------------|--------------------------|---------------|-----|---------------------------|---------------|---------------|---------------|---------------|-------------------------|---------------|
|                  |              |              |                        |                |                      | SRK.<br>OWNER | LT  | ENHAN.<br>VEG. | CONT. OF<br>PRESENT MGT. | SRK.<br>OWNER | LT  | ENHANCED<br>LIVST. FORAGE | SRK.<br>OWNER | LT            | SRK.<br>OWNER | LT            | NO LIVESTOCK<br>GRAZING | SRK.<br>OWNER |
| 03/01-02/28      | 94           |              | 118                    | 153            |                      |               |     | 94             | 94                       | 94            | 94  | 118                       | 118           | 94            | 94            |               |                         |               |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 03/01-02/28      | 16           | 35           | 23                     |                | 31                   |               | 16  | 16             | 16                       | 16            | 23  | 23                        | 16            | 16            |               |               | 16                      | 16            |
| 04/01-03/31      | 3            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               | 26                      | 26            |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 03/01-02/28      | 26           |              | 71                     | 192            | 103                  | 352           | 26  | 26             | 26                       | 26            | 71  | 71                        | 26            | 26            |               |               | 26                      | 26            |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 05/01-08/05      | 111          |              | 90                     | 21             | 198                  | 31            | 111 | 111            | 111                      | 111           | 90  | 90                        | 111           | 111           |               |               | 111                     | 111           |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 03/01-02/28      | 33           |              | 48                     | 166            | 81                   | 309           | 33  | 33             | 33                       | 33            | 48  | 48                        | 33            | 33            |               |               | 33                      | 33            |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 03/01-02/28      | 234          |              | 267                    | 276            | 469                  | 469           | 234 | 234            | 234                      | 234           | 267 | 267                       | 234           | 234           |               |               | 234                     | 234           |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 7            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 03/01-02/28      | 55           |              | 91                     |                | 128                  |               | 55  | 55             | 55                       | 55            | 91  | 91                        | 55            | 55            |               |               | 55                      | 55            |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 05/05-11/05      | 71           | 178          | 65                     | 57             | 101                  | 95            | 71  | 71             | 71                       | 71            | 65  | 65                        | 71            | 71            |               |               | 71                      | 71            |
| 12/01-03/31      |              |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-11/30      | 1            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-11/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 03/01-02/28      | 24           |              | 43                     | 40             | 61                   | 55            | 24  | 24             | 24                       | 24            | 43  | 43                        | 24            | 24            |               |               | 24                      | 24            |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 06/01-11/10      | 55           | 75           | 67                     | 76             | 123                  | 151           | 55  | 55             | 55                       | 55            | 62  | 62                        | 55            | 55            |               |               | 55                      | 55            |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 03/01-02/28      | 99           |              | 139                    | 211            | 207                  | 336           | 99  | 99             | 99                       | 99            | 139 | 139                       | 99            | 99            |               |               | 99                      | 99            |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 06/01-08/30      | 110          |              | 73                     |                | 161                  |               | 110 | 110            | 110                      | 110           | 73  | 73                        | 110           | 110           |               |               | 110                     | 110           |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 03/01-10/31      | 96           |              | 76                     |                | 136                  |               | 96  | 96             | 96                       | 96            | 76  | 76                        | 96            | 96            |               |               | 96                      | 96            |
| 12/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-10/30      | 1            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 1            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-11/30      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 03/01-02/28      | 20           |              | 14                     | 94             | 26                   | 148           | 20  | 20             | 20                       | 20            | 14  | 14                        | 20            | 20            |               |               | 20                      | 20            |
| 12/01-03/31      | 1            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-11/30      | 1            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 1            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-11/30      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 05/01-09/01      | 100          |              | 95                     | 12             | 180                  | 22            | 100 | 100            | 100                      | 100           | 96  | 96                        | 100           | 100           |               |               | 100                     | 100           |
| 12/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-11/30      | 1            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 03/01-05/15      | 48           |              | 46                     | 113            | 63                   | 161           | 48  | 48             | 48                       | 48            | 46  | 46                        | 48            | 48            |               |               | 48                      | 48            |
| 1/15-12/08       |              |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 12/01-03/31      | 1            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-11/30      | 1            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-11/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 12/01-03/31      | 1            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-11/30      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 07/01-12/31      | 18           |              | 21                     | 39             | 29                   | 58            | 18  | 18             | 18                       | 18            | 21  | 21                        | 18            | 18            |               |               | 18                      | 18            |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 05/15-10/07      | 119          |              | 104                    | 1              | 158                  | 2             | 119 | 119            | 119                      | 119           | 104 | 104                       | 119           | 119           |               |               | 119                     | 119           |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 2            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 03/01-02/28      | 58           |              | 85                     | 22             | 145                  | 45            | 58  | 58             | 58                       | 58            | 85  | 85                        | 58            | 58            |               |               | 58                      | 58            |
| 12/01-03/31      | 1            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-10/30      | 1            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 1            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 1            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |
| 04/01-03/31      | 1            |              |                        |                |                      |               |     |                |                          |               |     |                           |               |               |               |               |                         |               |

VALLEY RESOURCE AREA NON-AMPS CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME    | MGT<br>NO. | ACRES  | EXCELLENT |       |       | GOOD   |        |       | RANGE CONDITION |       |       | POOR |      |       | UNSUITABLE |     |               | GRAZING<br>ANIMALS<br>NO. |
|---------------|----------------------|------------|--------|-----------|-------|-------|--------|--------|-------|-----------------|-------|-------|------|------|-------|------------|-----|---------------|---------------------------|
|               |                      |            |        | BLM       | BLM   | OTHER | BLM    | BLM    | OTHER | BLM             | BLM   | OTHER | BLM  | BLM  | OTHER | BLM        | BLM | OTHER         |                           |
| 4119          | Lower Mooney Coulees | N          | 2111.7 | 177.6     |       |       | 69.8   | 0      |       | 73.9            | 177.6 |       | 68.0 | 0    |       | 7          | 1   | AN            | 1                         |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       |            |     | IM            |                           |
| 4120          | Richardson Coulees   | N          | 159.6  | 0         | 0     | 0     | 111.9  | 0      | 47.7  | 0               | 0     | 0     | 0    | 0    | 0     | 3          | C   |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | AN  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | AN  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | IM  |               |                           |
| 4122          | Lower Foss Coulees   | N          | 236.6  | 0         | 0     | 0     | 173.8  | 0      | 82.8  | 0               | 0     | 0     | 0    | 0    | 0     | 0          | 3   | C             |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | AN  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | AN  |               |                           |
| 4124          | East Cherry Creek    | N          | 740.0  | 887.9     | 0     | 0     | 32.8   | 0      | 707.2 | 887.9           | 0     | 0     | 0    | 0    | 0     | 14         | C   |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | AN  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | IM  |               |                           |
| 4127          |                      | N          | 79.8   | 412.0     | 0     | 0     | 79.8   | 380.4  | 0     | 31.6            | 0     | 0     | 0    | 0    | 0     | 3          | C   |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | AN  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | IM  |               |                           |
| 4201          |                      | N          | 37.8   | 0         | 0     | 0     | 36.6   | 0      | 0     | 0               | 0     | 0     | 0    | 0    | 1.2   | 0          | 1   | C             |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | AN  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | IM  |               |                           |
| 4202          | Lens Coulee          | N          | 191.3  | 0         | 0     | 0     | 130.7  | 0      | 57.1  | 0               | 0     | 0     | 0    | 0    | 3.5   | 0          | 1   | C             |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 2          | AN  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | AN  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | IM  |               |                           |
| 4204          | Tiger Butte          | N          | 315.8  | 0         | 0     | 0     | 6.0    | 0      | 203.0 | 0               | 0     | 0     | 0    | 0    | 106.8 | 0          | 5   | C             |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | AN  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | IM  |               |                           |
| 4205          | Butch Coulees        | N          | 160.0  | 0         | 0     | 0     | 160.0  | 0      | 0     | 0               | 0     | 0     | 0    | 0    | 0     | 10         | C   |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | AN  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | IM  |               |                           |
| 4206          | Road Creek           | N          | 80.0   | 0         | 0     | 0     | 0      | 0      | 80.0  | 0               | 0     | 0     | 0    | 0    | 0     | 0          | 0   | Not Allocated |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | AN  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | IM  |               |                           |
| 4207          | Lower Milk River     | N          | 132.7  | 0         | 93.1  | 0     | 38.5   | 0      | 0     | 0               | 0     | 0     | 0    | 0    | 1.1   | 0          | 2   | C             |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | AN  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | IM  |               |                           |
| 4208          | Wheeler Coulee       | N          | 401.6  | 0         | 131.7 | 0     | 264.0  | 0      | 0     | 0               | 0     | 0     | 0    | 0    | 5.9   | 0          | 15  | C             |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 14         | C   |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | AN  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | IM  |               |                           |
| 4300          | Dry Fork             | N          | 1414.7 | 0         | 0     | 0     | 867.5  | 0      | 547.2 | 0               | 0     | 0     | 0    | 0    | 0     | 0          | 662 | C             |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | AN  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 3          | IM  |               |                           |
| 4304          | Porcupine Creek      | N          | 3299.9 | 3167.3    | 0     | 0     | 2363.0 | 2975.3 | 827.9 | 154.4           | 25.3  | 24.0  | 83.7 | 13.6 | 208   | C          |     |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 600        | C   |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 500        | C   |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 100        | C   |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1278       | C   |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 10         | AM  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | AN  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 2          | AN  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 7          | IN  |               |                           |
| 4305          |                      | N          | 323.4  | 0         | 0     | 0     | 190.7  | 0      | 128.6 | 0               | 0     | 0     | 0    | 0    | 4.1   | 0          | 48  | C             |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 96         | C   |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 144        | C   |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 192        | C   |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 216        | C   |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 8          | C   |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | AN  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | IM  |               |                           |
| 4306          |                      | N          | 80.0   | 0         | 0     | 0     | 80.0   | 0      | 0     | 0               | 0     | 0     | 0    | 0    | 0     | 0          | 1   | C             |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | AN  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | IM  |               |                           |
| 4307          | Lower Spring Creek   | N          | 239.4  | 97.8      | 6.9   | 0.9   | 218.7  | 46.3   | 13.8  | 49.5            | 0     | 0     | 0    | 0    | 1.1   | 5          | C   |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 2          | AN  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | AN  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | IM  |               |                           |
| 4310          | Upper Cherry Creek   | N          | 145.7  | 0         | 46.9  | 0     | 70.9   | 0      | 27.9  | 0               | 0     | 0     | 0    | 0    | 0     | 0          | 58  | C             |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | AN  |               |                           |
|               |                      |            |        |           |       |       |        |        |       |                 |       |       |      |      |       | 1          | IM  |               |                           |

| SEASON OF USE | CURRENT AUMs | REC. STOCKING RATE/AUMs |       | POTEN. FORAGE PRODUCTION |       | ALTERNATIVE A ENHANCED COMPROMISE |     | ALTERNATIVE B ENHANCED |     | ALTERNATIVE C ENHANCED |     | ALTERNATIVE D ENHANCED |     | ALTERNATIVE E NO LIVESTOCK GRAZING |     | ALTERNATIVE F NO ACTION |    |
|---------------|--------------|-------------------------|-------|--------------------------|-------|-----------------------------------|-----|------------------------|-----|------------------------|-----|------------------------|-----|------------------------------------|-----|-------------------------|----|
|               |              | BLM                     | OTHER | BLM                      | OTHER | ST                                | LT  | ST                     | LT  | ST                     | LT  | ST                     | LT  | ST                                 | LT  | ST                      | LT |
| 04/01-09/15   | 38           |                         | 41    | 33                       |       | 81                                | 67  | 38                     | 38  | 38                     | 38  | 40                     | 40  | 38                                 | 38  | 38                      | 38 |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 03/01-02/28   | 38           |                         | 40    |                          |       | 59                                |     | 38                     | 38  | 38                     | 38  | 40                     | 40  | 38                                 | 38  |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 03/01-02/28   | 41           |                         | 62    |                          |       | 94                                |     | 41                     | 41  | 41                     | 41  | 62                     | 62  | 41                                 | 41  |                         |    |
| 12/01-03/31   | 1            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-11/30   | 1            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 03/01-11/30   | 108          |                         | 134   | 155                      | 263   | 310                               | 108 | 108                    | 108 | 108                    | 134 | 134                    | 108 | 108                                |     |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 5            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 05/01-09/15   | 16           |                         | 20    | 109                      | 27    | 150                               | 16  | 16                     | 16  | 16                     | 20  | 20                     | 16  | 16                                 |     |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 03/01-02/28   | 6            |                         | 8     |                          |       | 11                                |     | 6                      | 6   | 6                      | 6   | 8                      | 8   | 6                                  | 6   |                         |    |
| 12/01-03/31   | 1            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-11/30   | 1            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 03/01-02/28   | 15           |                         | 37    |                          |       | 55                                |     | 15                     | 15  | 15                     | 15  | 37                     | 37  | 15                                 | 15  |                         |    |
| 12/01-03/31   | 1            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-11/30   | 1            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/15-11/15   | 30           |                         | 27    |                          |       | 53                                |     | 30                     | 30  | 30                     | 30  | 27                     | 27  | 30                                 | 30  |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 05/01-08/31   | 39           |                         | 48    |                          |       | 64                                |     | 39                     | 39  | 39                     | 39  | 48                     | 48  | 39                                 | 39  |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| Last Grazing  | 24           |                         | 13    |                          |       | 26                                |     | 24                     | 24  | 24                     | 24  | 13                     | 13  | 24                                 | 24  |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 03/01-02/28   | 28           |                         | 50    |                          |       | 53                                |     | 28                     | 28  | 28                     | 28  | 50                     | 50  | 28                                 | 28  |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 06/01-08/31   | 73           |                         | 85    |                          |       | 109                               |     | 73                     | 73  | 73                     | 73  | 85                     | 85  | 73                                 | 73  |                         |    |
| 09/01-10/31   |              |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 05/01-09/20   | 309          |                         | 2671  |                          |       | 321                               |     | 492                    |     | 309                    | 309 | 309                    | 321 | 321                                | 309 | 309                     |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 7            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 03/01-02/28   | 671          | 12609                   | 713   | 810                      | 1559  | 1111                              | 671 | 671                    | 671 | 671                    | 713 | 713                    | 671 | 671                                |     |                         |    |
| 04/16-06/30   |              |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 05/01-10/15   |              |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 05/01-11/15   |              |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 10/16-11/07   |              |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 12/01-03/31   | 5            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-11/30   | 1            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 3            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 17           |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 05/01-05/02   | 69           | 1133                    | 71    |                          |       | 112                               |     | 69                     | 69  | 69                     | 69  | 71                     | 71  | 69                                 | 69  |                         |    |
| 05/02-05/03   |              |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 05/03-05/04   |              |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 05/04-05/05   |              |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 05/05-10/10   |              |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 05/06-08/15   |              |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 03/01-02/28   | 16           |                         | 19    |                          |       | 26                                |     | 16                     | 16  | 16                     | 16  | 19                     | 19  | 16                                 | 16  |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 03/01-02/28   | 63           |                         | 122   | 21                       | 165   | 33                                | 63  | 63                     | 63  | 63                     | 122 | 122                    | 63  | 63                                 |     |                         |    |
| 12/01-03/31   | 1            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-11/30   | 1            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 12/01-03/31   | 1            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-11/30   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 03/01-11/31   | 31           | 316                     | 35    |                          |       | 45                                |     | 31                     | 31  | 31                     | 31  | 35                     | 35  | 31                                 | 31  |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |
| 04/01-03/31   | 2            |                         |       |                          |       |                                   |     |                        |     |                        |     |                        |     |                                    |     |                         |    |

## VALLEY RESOURCE AREA NON-AMPs CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME     | MGT<br>STS | ACRES  |        | EXCELLENT |       | GOOD  |        | RANGE CONDITION |        | POOR |       | UNSUITABLE |       | GRAZING<br>ANIMALS<br>NO. | CLS |
|---------------|-----------------------|------------|--------|--------|-----------|-------|-------|--------|-----------------|--------|------|-------|------------|-------|---------------------------|-----|
|               |                       |            | BLM    | OTHER  | BLM       | OTHER | BLM   | OTHER  | BLM             | OTHER  | BLM  | OTHER | BLM        | OTHER |                           |     |
| 4311          |                       | N          | 359.0  | 620.2  | 0         | 0     | 19.0  | 88.2   | 357.9           | 527.4  | 0    | 0     | 2.1        | 4.6   | 14                        | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | DM  |
| 4500          |                       | N          | 39.9   | 0      | 39.9      | 0     | 0     | 0      | 0               | 0      | 0    | 0     | 0          | 0     | 1                         | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | DM  |
| 4501          | Miles Crossing Coules | N          | 331.7  | 397.4  | 0         | 0     | 331.7 | 384.5  | 0               | 12.9   | 0    | 0     | 0          | 0     | 8                         | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | DM  |
| 4502          | Lower Miles Crossing  | N          | 121.5  | 0      | 0         | 0     | 39.0  | 0      | 82.5            | 0      | 0    | 0     | 0          | 0     | 2                         | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | DM  |
| 4504          |                       | N          | 150.9  | 0      | 0         | 0     | 120.3 | 0      | 0               | 0      | 0    | 0     | 0          | 0     | 2                         | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | DM  |
| 4505          | Shew Coules           | N          | 494.8  | 0      | 0         | 0     | 289.0 | 0      | 174.9           | 0      | 0    | 0     | 0          | 0     | 79                        | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 3                         | DM  |
| 4506          | Jernigan Coules       | N          | 307.3  | 0      | 0         | 0     | 256.3 | 0      | 172.0           | 0      | 0    | 0     | 0          | 0     | 8                         | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 3                         | DM  |
| 4507          | Horse Coules          | N          | 333.8  | 0      | 2.9       | 0     | 54.8  | 0      | 254.5           | 0      | 0    | 0     | 0          | 0     | 3                         | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 2                         | DM  |
| 4508          | Little Horn Coules    | N          | 601.0  | 0      | 0         | 0     | 267.6 | 0      | 317.7           | 0      | 0    | 0     | 0          | 0     | 5                         | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | DM  |
| 4509          | Tank Coules           | N          | 1333.3 | 0      | 0         | 0     | 946.3 | 0      | 387.0           | 0      | 0    | 0     | 0          | 0     | 24                        | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 2                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 5                         | DM  |
| 4517          | Westfork Ash Coules   | N          | 593.0  | 0      | 101.6     | 0     | 491.4 | 0      | 0               | 0      | 0    | 0     | 0          | 0     | 10                        | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | DM  |
| 4520          | McGregor Coules       | N          | 116.5  | 0      | 0         | 0     | 111.6 | 0      | 4.0             | 0      | 0    | 0     | 0          | 0     | 4                         | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | DM  |
| 4522          | Buffalo Coules        | N          | 140.5  | 1210.3 | 0         | 0     | 0     | 0      | 134.9           | 1201.0 | 0    | 0     | 0          | 0     | 2                         | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | DM  |
| 4523          | Lower Buffalo Coules  | N          | 318.8  | 0      | 0         | 0     | 318.8 | 0      | 0               | 0      | 0    | 0     | 0          | 0     | 12                        | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | DM  |
| 4524          | Upper Hay Coules      | N          | 40.0   | 0      | 0         | 0     | 40.0  | 0      | 0               | 0      | 0    | 0     | 0          | 0     | 1                         | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | DM  |
| 4526          | Lower Square Coules   | N          | 744.3  | 4057.8 | 0         | 0     | 706.6 | 3872.0 | 37.7            | 195.8  | 0    | 0     | 0          | 0     | 15                        | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 3                         | DM  |
| 4528          |                       | N          | 130.6  | 0      | 0         | 0     | 10.9  | 0      | 119.7           | 0      | 0    | 0     | 0          | 0     | 6                         | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | DM  |
| 4530          | Lower Coon Coules     | N          | 250.5  | 60.9   | 0         | 0     | 10.9  | 0      | 119.7           | 0      | 0    | 0     | 0          | 0     | 6                         | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 3                         | DM  |
| 4531          | Upper Square Coules   | N          | 89.3   | 648.0  | 0         | 0     | 0.9   | 184.5  | 88.6            | 463.5  | 0    | 0     | 0          | 0     | 40                        | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | DM  |
| 4532          |                       | N          | 160.4  | 497.3  | 0         | 0     | 0     | 0      | 158.5           | 487.6  | 0    | 0     | 0          | 1.9   | 9.7                       | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 1                         | DM  |
| 4536          | Truax Coules          | N          | 2147.5 | 1579.3 | 10.9      | 6.0   | 607.6 | 421.7  | 1517.5          | 1131.3 | 0    | 0     | 11.5       | 20.3  | 125                       | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 129                       | C   |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 4                         | AN  |
|               |                       |            |        |        |           |       |       |        |                 |        |      |       |            |       | 6                         | DM  |

| SEASON<br>OF DEF | CURRENT ALM<br>NIN<br>BLK<br>OTHER | RRC,<br>STOCKING<br>RATE/AUMS | POTEN. FORAGE<br>PRODUCTION | ENHAN. COMBINED<br>VHG. USES | ALTERNATIVE A |      | ALTERNATIVE B |     | ALTERNATIVE C |     | ALTERNATIVE D |     | ALTERNATIVE E |     | ALTERNATIVE F |     |     |
|------------------|------------------------------------|-------------------------------|-----------------------------|------------------------------|---------------|------|---------------|-----|---------------|-----|---------------|-----|---------------|-----|---------------|-----|-----|
|                  |                                    |                               |                             |                              | ST            | LT   | ST            | LT  | ST            | LT  | ST            | LT  | ST            | LT  | ST            | LT  |     |
| 03/01-10/31      | 72                                 |                               |                             |                              | 72            |      | 72            |     | 72            |     | 72            |     | 72            |     | 72            |     | 72  |
| 12/01-03/31      | 1                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-11/30      | 1                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 7                                  |                               | 15                          |                              | 15            |      | 7             |     | 7             |     | 7             |     | 15            |     | 15            |     | 15  |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               | 7   | 7   |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 03/01-12/31      | 72                                 |                               | 85                          | 108                          | 115           | 146  | 72            | 72  | 72            | 72  | 85            | 85  | 72            | 72  |               | 72  | 72  |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 24                                 |                               | 25                          |                              | 44            |      | 24            |     | 24            |     | 24            |     | 25            |     | 25            |     | 24  |
| 04/01-03/31      | 3                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               | 24  | 24  |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 05/01-10/31      | 15                                 |                               | 23                          |                              | 31            |      | 15            |     | 15            |     | 15            |     | 23            |     | 23            |     | 15  |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/27-10/20      | 63                                 | 343                           | 98                          |                              | 153           |      | 63            | 63  | 63            | 63  | 98            | 98  | 63            | 63  |               | 63  | 63  |
| 03/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 03/01-03/31      | 7                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 90                                 |                               | 84                          |                              | 133           |      | 90            | 90  | 90            | 90  | 84            | 84  | 90            | 90  |               | 90  | 90  |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 7                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 39                                 |                               | 54                          |                              | 102           |      | 39            | 39  | 39            | 39  | 54            | 54  | 39            | 39  |               | 39  | 39  |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 5                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 64                                 |                               | 90                          |                              | 150           |      | 64            | 64  | 64            | 64  | 90            | 90  | 64            | 64  |               | 64  | 64  |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/15-11/31      | 191                                |                               | 333                         |                              | 496           |      | 191           | 191 | 191           | 191 | 333           | 333 | 191           | 191 |               | 191 | 191 |
| 04/01-03/31      | 3                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 12                                 |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 116                                |                               | 179                         |                              | 226           |      | 116           | 116 | 116           | 116 | 179           | 179 | 116           | 116 |               | 116 | 116 |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 05/01-10/31      | 20                                 |                               | 29                          |                              | 39            |      | 20            | 20  | 20            | 20  | 29            | 29  | 20            | 20  |               | 20  | 20  |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 24                                 |                               | 21                          | 208                          | 41            | 416  | 24            | 24  | 24            | 24  | 21            | 21  | 24            | 24  |               | 24  | 24  |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-09/30      | 71                                 |                               | 88                          |                              | 118           |      | 71            | 71  | 71            | 71  | 88            | 88  | 71            | 71  |               | 71  | 71  |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 03/01-12/31      | 9                                  |                               | 10                          |                              | 13            |      | 9             | 9   | 9             | 9   | 10            | 10  | 9             | 9   |               | 9   | 9   |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 181                                |                               | 192                         | 1096                         | 262           | 1493 | 181           | 181 | 181           | 181 | 192           | 192 | 181           | 181 |               | 181 | 181 |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 7                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 12/01-03/31      | 1                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-11/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 05/01-10/31      | 35                                 |                               | 24                          |                              | 47            |      | 35            | 35  | 35            | 35  | 24            | 24  | 35            | 35  |               | 35  | 35  |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 03/01-10/31      | 60                                 |                               | 74                          | 12                           | 98            | 16   | 60            | 60  | 60            | 60  | 74            | 74  | 60            | 60  |               | 60  | 60  |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-11/30      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 12/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-11/30      | 20                                 | 157                           | 16                          | 123                          | 33            | 217  | 20            | 20  | 20            | 20  | 16            | 16  | 20            | 20  |               | 20  | 20  |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 03/01-02/28      | 36                                 |                               | 28                          | 81                           | 53            | 163  | 36            | 36  | 36            | 36  | 28            | 28  | 36            | 36  |               | 36  | 36  |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 2                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/15-06/19      | 405                                | 616                           | 445                         | 310                          | 773           | 540  | 405           | 405 | 405           | 405 | 445           | 445 | 405           | 405 |               | 405 | 405 |
| 06/20-11/15      |                                    |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 6                                  |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |
| 04/01-03/31      | 14                                 |                               |                             |                              |               |      |               |     |               |     |               |     |               |     |               |     |     |

## VALLEY RESOURCE AREA NON-AMPS CONTINUED

| ALLOT.<br>NO. | ALLOTMENT<br>NAME      | MOT<br>STS | ACRES  | EXCELLENT |       | GOOD |        | RANGE CONDITION |       | POOR   |       | UNSUITABLE |       | GRAZING<br>ANIMALS |     |   |
|---------------|------------------------|------------|--------|-----------|-------|------|--------|-----------------|-------|--------|-------|------------|-------|--------------------|-----|---|
|               |                        |            |        | BLM       | OTHER | BLM  | OTHER  | BLM             | OTHER | BLM    | OTHER | BLM        | OTHER | NO.                | CLS |   |
| 4544          |                        |            | 79.6   | 513.9     |       | 2.7  | 0      | 75.6            | 314.4 |        | 0     | 1.3        | 1.5   | 99                 | C   |   |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | AN  |   |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | DM  |   |
| 4549          |                        | N          | 402.9  | 2.8       | 0     | 0    | 340.8  | 2.8             | 58.2  | 0      | 0     | 0          | 3.9   | 0                  | 2   | C |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | AN  |   |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 2                  | DM  |   |
| 4561          | Homestead Pasture      | N          | 110.9  | 0         | 0     | 0    | 98.0   | 0               | 12.9  | 0      | 0     | 0          | 0     | 0                  | 9   | C |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 9                  | C   |   |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | AN  |   |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | DM  |   |
| 4562          | Little Brazil Creek    | N          | 160.0  | 0         | 0     | 0    | 131.4  | 0               | 20.9  | 0      | 0     | 0          | 7.7   | 0                  | 3   | C |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | AN  |   |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | DM  |   |
| 4565          | Theophil Coules        | N          | 40.0   | 0         | 0     | 0    | 0      | 0               | 40.0  | 0      | 0     | 0          | 0     | 0                  | 1   | C |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | AN  |   |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | DM  |   |
| 4566          | Tom Puts               | N          | 40.0   | 0         | 0     | 0    | 0      | 0               | 40.0  | 0      | 0     | 0          | 0     | 0                  | 5   | H |
| 4567          | Gravel Pits            | N          | 188.7  | 0         | 0     | 0    | 186.0  | 0               | 0     | 0      | 0     | 0          | 2.7   | 0                  | 5   | C |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | AN  |   |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | DM  |   |
| 4568          | James Salisbury        | N          | 1237.8 | 0         | 0     | 0    | 1211.9 | 0               | 0     | 0      | 0     | 0          | 25.9  | 0                  | 51  | C |
| 4569          |                        | N          | 444.4  | 1129.7    | 0     | 0    | 50.0   | 0               | 391.1 | 1124.3 | 0     | 0          | 3.3   | 5.4                | 5   | H |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 7                  | C   |   |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | AN  |   |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | DM  |   |
| 4570          |                        | N          | 39.7   | 0         | 0     | 0    | 16.8   | 0               | 22.9  | 0      | 0     | 0          | 0     | 0                  | 1   | C |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | AN  |   |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | DM  |   |
| 4575          |                        | N          | 301.8  | 0         | 0     | 0    | 235.1  | 0               | 53.2  | 0      | 0     | 0          | 13.5  | 0                  | 2   | C |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | AN  |   |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | DM  |   |
| 4651          | Upper Poplar River     | N          | 290.3  | 0         | 0     | 0    | 227.7  | 0               | 59.6  | 0      | 0     | 0          | 3.0   | 0                  | 5   | C |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | AN  |   |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | DM  |   |
| 4653          | West Coal Creek        | N          | 85.7   | 0         | 0     | 0    | 78.7   | 0               | 7.0   | 0      | 0     | 0          | 0     | 0                  | 2   | C |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | AN  |   |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | DM  |   |
| 4556          | West Rosewood Coules   | N          | 131.0  | 11.0      | 0     | 0    | 131.0  | 11.0            | 0     | 0      | 0     | 0          | 0     | 0                  | 2   | C |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | AN  |   |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | DM  |   |
| 4658          | Ophem Coules           | N          | 79.8   | 0         | 0     | 0    | 79.8   | 0               | 0     | 0      | 0     | 0          | 0     | 0                  | 1   | C |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | AN  |   |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | DM  |   |
| 4659          | South Rosewood Coules  | N          | 319.6  | 0         | 0     | 0    | 287.8  | 0               | 31.8  | 0      | 0     | 0          | 0     | 0                  | 19  | C |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | AN  |   |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | DM  |   |
| 4661          | Poplar River           | N          | 317.5  | 0         | 57.8  | 0    | 259.7  | 0               | 0     | 0      | 0     | 0          | 0     | 0                  | 25  | C |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | AN  |   |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | DM  |   |
| 4662          | Lower Poplar River     | N          | 368.5  | 39.9      | 0     | 0    | 358.5  | 37.9            | 10.0  | 2.0    | 0     | 0          | 0     | 0                  | 5   | C |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | AN  |   |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 4                  | DN  |   |
| 4663          | Upper Middle Porcupine | N          | 319.7  | 0         | 0     | 0    | 256.7  | 0               | 63.0  | 0      | 0     | 0          | 0     | 0                  | 5   | C |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | AN  |   |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | DM  |   |
| 4702          | McEachran Creek        | N          | 1010.2 | 2392.2    | 0     | 0    | 724.8  | 921.2           | 277.0 | 1469.5 | 0     | 0          | 8.4   | 1.5                | 18  | C |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | AN  |   |
|               |                        |            |        |           |       |      |        |                 |       |        |       |            |       | 1                  | DM  |   |

| SEASON<br>OF USE | CURRENT<br>ADM. | REC.<br>BLM<br>OTHER | STOCKING<br>RATE/AUG.<br>BLM<br>OTHER | POTEN. FORAGE<br>PRODUCTION<br>BLM<br>OTHER | ALTERNATIVE A<br>ENHAN. COMBINED<br>VEG. USES |     | ALTERNATIVE B<br>CURT. OF<br>PRESENT Mgmt.<br>ST LT |     | ALTERNATIVE C<br>ENHANCED<br>LIVST. FORAGE<br>ST LT |     | ALTERNATIVE D<br>ENHANCED<br>WATER&WILDLIFE<br>ST LT |     | ALTERNATIVE E<br>NO LIVESTOCK<br>GRAZING<br>ST LT |     | ALTERNATIVE F<br>NO ACTION<br>ST LT |     |
|------------------|-----------------|----------------------|---------------------------------------|---|---|-----|---|-----|---|-----|--|-----|---|-----|-------------------------------------|-----|
|                  |                 |                      |                                       |   | ST  | LT  | ST  | LT  | ST  | LT  | ST   | LT  | ST  | LT  | ST                                  | LT  |
| 06/21-07/18      | 14              | 78                   | 12                                    | 83  | 23  | 166 | 14  | 14  | 14  | 14  | 12   | 12  | 14  | 14  | 14                                  | 14  |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 03/01-02/28      | 28              |                      | 100                                   | 1   | 101   | 141 | 28  | 28  | 28  | 28  | 100  | 100 | 28  | 28  |                                     | 28  |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 12/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 04/01-11/30      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 03/20-04/30      | 24              |                      | 25                                    |   | 35  |     | 24  | 24  | 24  | 24  | 25   | 25  | 24  | 24  |                                     | 24  |
| 11/16-12/31      |                 |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 03/01-02/28      | 32              |                      | 30                                    |   | 42  |     | 32  | 32  | 32  | 30  | 30   | 30  | 32  | 32  |                                     | 32  |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 03/01-02/28      | 10              |                      | 7                                     |   | 13  |     | 10  | 10  | 10  | 10  | 7  | 7   | 10  | 10  |                                     | 10  |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 03/01-02/28      | 8               |                      | 8                                     |   | 8   |     | 8   | 8   | 8   | 8   | 8  | 8   | 8   | 8   |                                     | 8   |
| 04/01-10/31      | 36              |                      | 49                                    |   | 65  |     | 36  | 36  | 36  | 36  | 49   | 49  | 36  | 36  |                                     | 36  |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 05/01-10/31      | 306             |                      | 306                                   |   | 369   |     | 306   | 306 | 306   | 306 | 369  | 369 | 306   | 306 |                                     | 306 |
| 03/01-02/28      | 118             |                      | 87                                    | 194   | 160   | 388 | 118   | 118 | 118   | 118 | 87   | 87  | 118   | 118 |                                     | 118 |
| 03/10-11/15      |                 |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 03/01-02/28      | 5               |                      | 9                                     |   | 14  |     | 5   | 5   | 5   | 5   | 9  | 9   | 5   | 5   |                                     | 5   |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 04/01-10/31      | 12              |                      | 55                                    |   | 78  |     | 12  | 12  | 12  | 12  | 55   | 55  | 12  | 12  |                                     | 12  |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 05/01-10/30      | 30              |                      | 58                                    |   | 85  |     | 30  | 30  | 30  | 30  | 58   | 58  | 30  | 30  |                                     | 30  |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 03/01-02/08      | 23              |                      | 45                                    |   | 61  |     | 23  | 23  | 23  | 23  | 45   | 45  | 23  | 23  |                                     | 23  |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 03/01-02/28      | 19              |                      |                                       |   |   |     | 19  | 19  | 19  | 19  |  |     | 19  | 19  |                                     | 19  |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 03/01-02/28      | 13              |                      | 21                                    |   | 29  |     | 13  | 13  | 13  | 13  | 21   | 21  | 13  | 13  |                                     | 13  |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 07/01-09/15      | 48              |                      | 80                                    |   | 112   |     | 48  | 48  | 48  | 48  | 80   | 80  | 48  | 48  |                                     | 48  |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 06/01-08/12      | 60              |                      | 87                                    |   | 112   |     | 60  | 60  | 60  | 60  | 87   | 87  | 60  | 60  |                                     | 60  |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 03/01-02/28      | 60              |                      | 105                                   | 21  | 142   | 28  | 60  | 60  | 60  | 60  | 105  | 105 | 60  | 60  |                                     | 60  |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 04/01-03/31      | 10              |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 03/01-02/28      | 54              |                      | 91                                    |   | 130   |     | 54  | 54  | 54  | 54  | 91   | 91  | 54  | 54  |                                     | 54  |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 03/01-02/28      | 211             |                      | 227                                   | 540   | 338   | 874 | 211   | 211 | 211   | 211 | 227  | 227 | 211   | 211 |                                     | 211 |
| 04/01-03/31      | 2               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |
| 04/01-03/31      | 5               |                      |                                       |   |   |     |   |     |   |     |  |     |   |     |                                     |     |

VALLEY RESOURCE AREA NON-AMP<sup>a</sup> CONCESSION

| ALLOT.<br>NO.       | ALLOTMENT<br>NAME  | NCT<br>N | ACRES<br>40.0 | EXCELLENT |       | GOOD |       | RANGE CONDITION |       | POOR  |       | UNSUITABLE |       | GRAZING<br>ANIMALS |     |  |  |
|---------------------|--------------------|----------|---------------|-----------|-------|------|-------|-----------------|-------|-------|-------|------------|-------|--------------------|-----|--|--|
|                     |                    |          |               | BLM       | OTHER | BLM  | OTHER | BLM             | OTHER | BLM   | OTHER | BLM        | OTHER | NO.                | CLS |  |  |
| 0449                | Dennis E. Blair    | N        | 40.0          | 0         | 0     | 0    | 0     | 40.0            | 0     | 0     | 0     | 0          | 0     | 2                  | C   |  |  |
|                     |                    |          |               |           |       |      |       |                 |       |       |       |            |       | 1                  | AN  |  |  |
|                     |                    |          |               |           |       |      |       |                 |       |       |       |            |       | 1                  | DW  |  |  |
| 0460                | Junior Cole        | N        | 40.0          | 0         | 0     | 0    | 0     | 40.0            | 0     | 0     | 0     | 0          | 0     | 2                  | C   |  |  |
|                     |                    |          |               |           |       |      |       |                 |       |       |       |            |       | 1                  | AR  |  |  |
|                     |                    |          |               |           |       |      |       |                 |       |       |       |            |       | 1                  | DW  |  |  |
| 0486                | Edward Roff        | N        | 40.0          | 0         | 0     | 0    | 0     | 40.0            | 0     | 0     | 0     | 0          | 0     | 1                  | C   |  |  |
|                     |                    |          |               |           |       |      |       |                 |       |       |       |            |       | 1                  | AN  |  |  |
|                     |                    |          |               |           |       |      |       |                 |       |       |       |            |       | 1                  | DW  |  |  |
| 0509                | Nash Brothers Inc. | N        | 79.3          | 0         | 0     | 0    | 0     | 66.6            | 0     | 12.7  | 0     | 0          | 0     | 2                  | C   |  |  |
|                     |                    |          |               |           |       |      |       |                 |       |       |       |            |       | 1                  | AN  |  |  |
|                     |                    |          |               |           |       |      |       |                 |       |       |       |            |       | 1                  | LW  |  |  |
| 0537                | Geo. W. Shields    | N        | 75.9          | 0         | 0     | 0    | 0     | 59.0            | 0     | 13.5  | 0     | 0          | 0     | 3.4                | 0   |  |  |
|                     |                    |          |               |           |       |      |       |                 |       |       |       |            |       | 5                  | C   |  |  |
|                     |                    |          |               |           |       |      |       |                 |       |       |       |            |       | 1                  | AN  |  |  |
|                     |                    |          |               |           |       |      |       |                 |       |       |       |            |       | 1                  | DW  |  |  |
| 0551                | AAA                | N        | 39.0          | 0         | 39.0  | 0    | 0     | 0               | 0     | 0     | 0     | 0          | 0     | 1                  | C   |  |  |
|                     |                    |          |               |           |       |      |       |                 |       |       |       |            |       | 1                  | AN  |  |  |
|                     |                    |          |               |           |       |      |       |                 |       |       |       |            |       | 1                  | DW  |  |  |
| 0558                | Orville Wold       | N        | 40.0          | 0         | 0     | 0    | 0     | 16.0            | 0     | 24.0  | 0     | 0          | 0     | 1                  | C   |  |  |
|                     |                    |          |               |           |       |      |       |                 |       |       |       |            |       | 1                  | AN  |  |  |
|                     |                    |          |               |           |       |      |       |                 |       |       |       |            |       | 1                  | DW  |  |  |
| 0559                | Bernard Wolff      | N        | 17.0          | 0         | 0     | 0    | 0     | 7.0             | 0     | 0     | 0     | 0          | 0     | 10.0               | 0   |  |  |
|                     |                    |          |               |           |       |      |       |                 |       |       |       |            |       | 1                  | C   |  |  |
|                     |                    |          |               |           |       |      |       |                 |       |       |       |            |       | 1                  | AN  |  |  |
| SUB TOTAL NON AMP's |                    |          | 37792         | 35022     | 768   | 413  | 21940 | 18136           | 14173 | 17304 | 385   | 24         | 546   | 146                |     |  |  |

VALLEY RESOURCE AREA UNALLOCATED TRACTS

| ALLOT.<br>NO.           | ALLOTMENT<br>NAME | MGT<br>NO. | ACRES   | EXCELLENT |       | GOOD |         | RANGE CONDITION |        |        | POOR |      | UNSUITABLE |       | GRAZING<br>ANIMALS |      |      |      |
|-------------------------|-------------------|------------|---------|-----------|-------|------|---------|-----------------|--------|--------|------|------|------------|-------|--------------------|------|------|------|
|                         |                   |            |         | BLN       | OTHER | BLN  | OTHER   | BLN             | BLN    | FAIR   | BLN  | BLN  | BLN        | BLN   | AN                 | CLS  |      |      |
| 0560                    |                   |            | 79.8    | 0         | 0     | 0    | 0       | 64.0            | 0      | 13.8   | 0    | 0    | 0          | 0     | 1 AN               | 1 DM |      |      |
| 0561                    |                   |            | 85.0    | 0         | 0     | 0    | 0       | 85.0            | 0      | 0      | 0    | 0    | 0          | 0     | 1 AN               | 1 DM |      |      |
| 0562                    |                   |            | 39.9    | 0         | 0     | 0    | 0       | 0               | 0      | 39.9   | 0    | 0    | 0          | 0     | 1 AN               | 1 DM |      |      |
| 0563                    |                   |            | 57.0    | 0         | 0     | 0    | 0       | 0               | 0      | 0      | 0    | 0    | 0          | 57.0  | 0                  | 1 AN | 1 DM |      |
| 0564                    |                   |            | 39.4    | 0         | 0     | 0    | 0       | 4.9             | 0      | 34.5   | 0    | 0    | 0          | 0     | 1 AN               | 1 DM |      |      |
| 0565                    |                   |            | 39.9    | 0         | 0     | 0    | 0       | 37.9            | 0      | 0      | 0    | 0    | 0          | 2.0   | 0                  | 1 AN | 1 DM |      |
| 0566                    |                   |            | 72.0    | 0         | 0     | 0    | 0       | 21.0            | 0      | 51.0   | 0    | 0    | 0          | 0     | 0                  | 1 AN | 1 DM |      |
|                         |                   |            |         |           |       |      |         |                 |        |        |      |      |            |       |                    | 1 DM | 1 DM |      |
| 0567                    |                   |            | 44.0    | 0         | 0     | 0    | 0       | 44.0            | 0      | 0      | 0    | 0    | 0          | 0     | 0                  | 0    | 1 AN | 1 DM |
| 0001                    | Scattered Tracts  |            | 356.6   | 0         | 21    | 0    | 0       | 186.8           | 0      | 144.5  | 0    | 0    | 0          | 0     | 4.4                | 0    | 1 AN | 1 DM |
| SUB TOTAL - UNALLOCATED |                   |            | 814     |           | 21    |      |         | 464             |        | 286    |      |      |            |       | 63                 |      |      |      |
| TOTAL VALLEY RA         |                   |            | 662345  | 261879    | 6587  | 4312 | 288843  | 130148          | 337864 | 123630 | 2448 | 258  | 26603      | 3331  |                    |      |      |      |
| GRAND TOTAL FDR         |                   |            |         |           |       |      |         |                 |        |        |      |      |            |       |                    |      |      |      |
| FRANKIE FISHOLDS ELS    |                   |            | 1749238 | 878357    | 14832 | 6810 | 1035208 | 578237          | 623022 | 266994 | 6803 | 2172 | 69373      | 24144 |                    |      |      |      |

| SEASON<br>OF USE | CURRENT AUMs |        | REC. STOCKING POTEN. FORAGE<br>RATE/AUMs |        | PRODUCTION |        | ALTERNATIVE A<br>ENHAN. COMBINED<br>VEG. USES |        | ALTERNATIVE B<br>CONT. OF<br>PRESENT MGMT. |        | ALTERNATIVE C<br>ENHANCED<br>LIVST. FORAGE |        | ALTERNATIVE D<br>ENHANCED<br>WATERBIRD/LIFE |    | ALTERNATIVE E<br>NO LIVESTOCK<br>GRAZING |      | ALTERNATIVE F<br>NO ACTION |        |
|------------------|--------------|--------|--|--------|------------|--------|---|--------|--|--------|--|--------|---|----|--|------|----------------------------|--------|
|                  | BLM          | OTHER  | BLM                                      | OTHER  | BLM        | OTHER  | ST  | LT     | ST   | LT     | ST   | LT     | ST  | LT | ST                                       | LT   | ST                         | LT     |
| 05/01-10/31      | 10           | 9      |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 04/01-03/31      | 2            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 04/01-03/31      | 2            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 03/01-02/28      | 20           | 12     | 16                                       | 20     | 20         | 20     | 10  | 10     | 10   | 10     | 12   | 12     | 20  | 20 |  |      | 20                         | 20     |
| 04/01-03/31      | 2            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 04/01-03/31      | 2            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 03/01-02/28      | 10           | 9      | 12                                       | 10     | 10         | 10     | 9   | 9      | 9  | 9      | 10   | 10     |   |    |  |      | 10                         | 10     |
| 04/01-03/31      | 2            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 04/01-03/31      | 2            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 03/01-02/28      | 27           | 19     | 27                                       | 27     | 27         | 27     | 15  | 15     | 15   | 15     | 19   | 19     | 27  | 27 |  |      | 27                         | 27     |
| 04/01-03/31      | 2            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 04/01-03/31      | 2            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 03/01-02/28      | 15           | 13     | 13                                       | 15     | 15         | 15     | 13  | 13     | 13   | 13     | 15   | 15     |   |    |  |      | 15                         | 15     |
| 04/01-03/31      | 2            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 04/01-03/31      | 2            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 03/01-02/28      | 10           | 8      | 14                                       | 10     | 10         | 10     | 10  | 8      | 8  | 8      | 10   | 10     |   |    |  |      | 10                         | 10     |
| 04/01-03/31      | 2            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 04/01-03/31      | 2            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 03/01-02/28      | 9            | 3      | 8  | 9      | 9          | 9      | 9   | 3      | 3  | 3      | 9  | 9      |   |    |  |      | 9                          | 9      |
| 04/01-03/31      | 2            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 04/01-03/31      | 2            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 7127             | 18437        | 8479   | 8137                                     | 13447  | 12790      | 7127   | 7127  | 7127   | 8479                                       | 8479   | 7127                                       | 7127   |   |    |  | 7127 | 7127                       |        |
| SEASON           | CURRENT AUMs |        | REC. STOCKING POTEN. FORAGE<br>RATE/AUMs |        | PRODUCTION |        | ALTERNATIVE A<br>ENHAN. COMBINED<br>VEG. USES |        | ALTERNATIVE B<br>CONT. OF<br>PRESENT MGMT. |        | ALTERNATIVE C<br>ENHANCED<br>LIVST. FORAGE |        | ALTERNATIVE D<br>ENHANCED<br>WATERBIRD/LIFE |    | ALTERNATIVE E<br>NO LIVESTOCK<br>GRAZING |      | ALTERNATIVE F<br>NO ACTION |        |
|                  | BLM          | OTHER  | BLM                                      | OTHER  | BLM        | OTHER  | ST  | LT     | ST   | LT     | ST   | LT     | ST  | LT | ST                                       | LT   | ST                         | LT     |
| 04/01-03/31      | 2            | 2      | 30                                       | 41     |            |        | 2   | 4      | 2  | 2      | 2  | 3      | 2   | 6  | 6  | 6    | 2                          | 2      |
| 04/01-03/31      | 2            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 04/01-03/31      | 2            | 2      | 7  | 13     |            |        | 2   | 4      | 2  | 2      | 2  | 3      | 2   | 6  | 6  | 6    | 2                          | 2      |
| 04/01-03/31      | 2            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 04/01-03/31      | 2            | 2      | 70                                       | 2      |            |        | 4   | 2      | 2  | 2      | 3  | 2      | 6   | 6  | 6  | 6    | 2                          | 2      |
| 04/01-03/31      | 2            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 04/01-03/31      | 2            | 2      | 7  | 12     |            |        | 2   | 4      | 2  | 2      | 2  | 3      | 2   | 6  | 6  | 6    | 2                          | 2      |
| 04/01-03/31      | 2            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 04/01-03/31      | 2            | 2      | 25                                       | 35     |            |        | 2   | 4      | 2  | 2      | 2  | 3      | 2   | 6  | 6  | 6    | 2                          | 2      |
| 04/01-11/30      | 2            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 12/01-03/31      | 1            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 04/01-11/30      | 2            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 12/01-03/31      | 1            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 04/01-03/31      | 2            | 25     | 42                                       | 2      | 4          | 2      | 2   | 2      | 2  | 3      | 2  | 6      | 6   | 6  | 6  | 2    | 2                          | 2      |
| 04/01-03/31      | 2            |        |  |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 04/01-03/31      | 2            | 10     | 14                                       | 1      | 2          | 1      | 1   | 1      | 2  | 1      | 3  | 3      | 3   | 3  | 1  | 1    | 1                          | 1      |
|                  | 81           |        | 123                                      |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
|                  | 209          |        | 382                                      |        |            |        |   |        |  |        |  |        |   |    |  |      |                            |        |
| 111547           | 54765        | 127470 | 56936                                    | 205289 | 87372      | 111541 | 138460  | 111547 | 131250                                     | 127913 | 217716                                     | 78206  | 107539                                      | 0  | 0  | 0    | 111547                     | 111547 |
| 319065           | 171272       | 373284 | 199606                                   | 567238 | 295329     | 319065 | 397721  | 319065 | 366846                                     | 374064 | 618215                                     | 223933 | 2746983                                     | 0  | 0  | 0    | 319065                     | 319065 |

## Havrre Resource Area

| Allotment | Acres  | Allotment | Acres | Allotment | Acres | Allotment | Acres   | Allotment | Acres |
|-----------|--------|-----------|-------|-----------|-------|-----------|---------|-----------|-------|
| 6001      | 2,467  | 6063      | 1,077 | 6228      | 75    | 6463      | 609     |           |       |
| 6005      | 5,672  | 6065      | 357   | 6229      | 278   | 6470      | 1,885   |           |       |
| 6006      | 10,603 | 6066      | 1,227 | 6230      | 2,528 | 6472      | 265     |           |       |
| 6007      | 11,24  | 6067      | 556   | 6231      | 1,663 | 6490      | 113     |           |       |
| 6008      | 1,778  | 6069      | 1,125 | 6232      | 582   | 6493      | 330     |           |       |
| 6009      | 631    | 6071      | 3,231 | 6233      | 2,418 |           |         |           |       |
| 6010      | 1,071  | 6072      | 909   | 6234      | 199   | Total     |         |           |       |
| 6011      | 2,952  | 6074      | 643   | 6235      | 2,748 | 128       | 208,247 |           |       |
| 6012      | 7,395  | 6075      | 3,336 | 6236      | 1,365 |           |         |           |       |
| 6013      | 889    | 6083      | 688   | 6239      | 2,253 |           |         |           |       |
| 6014      | 7,193  | 6086      | 678   | 6243      | 479   |           |         |           |       |
| 6017      | 553    | 6087      | 3,385 | 6244      | 226   |           |         |           |       |
| 6018      | 1,450  | 6088      | 639   | 6251      | 2,567 |           |         |           |       |
| 6020      | 10,284 | 6090      | 1,669 | 6252      | 693   |           |         |           |       |
| 6021      | 709    | 6091      | 593   | 6358      | 1,887 |           |         |           |       |
| 6022      | 1,938  | 6092      | 1,008 | 6360      | 469   |           |         |           |       |
| 6024      | 1,516  | 6095      | 754   | 6362      | 682   |           |         |           |       |
| 6027      | 553    | 6099      | 3,367 | 6364      | 214   |           |         |           |       |
| 6029      | 1,279  | 6101      | 1,454 | 6378      | 1,919 |           |         |           |       |
| 6030      | 1,111  | 6103      | 470   | 6389      | 0     |           |         |           |       |
| 6031      | 902    | 6105      | 292   | 6395      | 12    |           |         |           |       |
| 6033      | 2,248  | 6107      | 1,194 | 6396      | 2,594 |           |         |           |       |
| 6035      | 1,538  | 6111      | 2,438 | 6398      | 1,102 |           |         |           |       |
| 6037      | 435    | 6115      | 65    | 6399      | 1,676 |           |         |           |       |
| 6039      | 1,283  | 6119      | 3,171 | 6412      | 1,117 |           |         |           |       |
| 6040      | 656    | 6120      | 1,169 | 6414      | 280   |           |         |           |       |
| 6041      | 393    | 6121      | 1,304 | 6434      | 1,614 |           |         |           |       |
| 6043      | 676    | 6122      | 795   | 6435      | 861   |           |         |           |       |
| 6046      | 1,716  | 6123      | 1,720 | 6439      | 1,584 |           |         |           |       |
| 6047      | 2,089  | 6125      | 1,000 | 6442      | 48    |           |         |           |       |
| 6048      | 998    | 6129      | 4,599 | 6443      | 327   |           |         |           |       |
| 6050      | 959    | 6131      | 1,554 | 6444      | 139   |           |         |           |       |
| 6051      | 226    | 6132      | 1,348 | 6446      | 271   |           |         |           |       |
| 6052      | 1,337  | 6133      | 2,512 | 6447      | 311   |           |         |           |       |
| 6053      | 367    | 6134      | 1,473 | 6448      | 4,174 |           |         |           |       |
| 6055      | 827    | 6136      | 5,799 | 6449      | 1,418 |           |         |           |       |
| 6056      | 1,120  | 6137      | 2,488 | 6450      | 990   |           |         |           |       |
| 6057      | 1,031  | 6159      | 349   | 6451      | 1,676 |           |         |           |       |
| 6058      | 1,808  | 6160      | 404   | 6452      | 578   |           |         |           |       |
| 6060      | 625    | 6175      | 107   | 6453      | 263   |           |         |           |       |
| 6062      | 8,719  | 6227      | 4,379 | 6455      | 2,162 |           |         |           |       |

## Phillips Resource Area

| Allotment | Acres  | Allotment | Acres | Allotment | Acres | Allotment | Acres | Allotment | Acres |
|-----------|--------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|
| 5000      | 433    | 5028      | 432   | 5063      | 797   | 5095      | 2,564 | 5144      | 3,784 |
| 5001      | 1,811  | 5030      | 2,497 | 5064      | 667   | 5096      | 2,056 | 5150      | 3,440 |
| 5002      | 6,789  | 5031      | 585   | 5065      | 228   | 5097      | 1,354 | 5152      | 576   |
| 5003      | 948    | 5032      | 396   | 5066      | 2,145 | 5100      | 1,508 | 5153      | 2,853 |
| 5004      | 733    | 5033      | 975   | 5067      | 430   | 5101      | 800   | 5154      | 1,637 |
| 5005      | 1,204  | 5034      | 4,679 | 5069      | 1,383 | 5104      | 1,292 | 5155      | 1,262 |
| 5006      | 1,720  | 5035      | 4,811 | 5070      | 405   | 5106      | 256   | 5300      | 855   |
| 5007      | 763    | 5036      | 6,547 | 5071      | 4,840 | 5107      | 1,740 | 5301      | 317   |
| 5008      | 3,000  | 5037      | 5,590 | 5072      | 567   | 5108      | 860   | 5304      | 1,704 |
| 5009      | 444    | 5038      | 934   | 5073      | 233   | 5109      | 2,476 | 5305      | 56    |
| 5010      | 1,259  | 5039      | 4,047 | 5074      | 279   | 5110      | 2,433 | 5306      | 99    |
| 5011      | 4,566  | 5040      | 1,341 | 5075      | 1,354 | 5111      | 1,295 | 5307      | 918   |
| 5012      | 13,215 | 5041      | 5,478 | 5076      | 273   | 5112      | 1,087 | 5309      | 313   |
| 5013      | 7,234  | 5042      | 1,000 | 5078      | 5114  | 5116      | 5136  | 5310      | 535   |
| 5014      | 7,891  | 5043      | 9,516 | 5080      | 1,026 | 5115      | 466   | 5312      | 177   |
| 5015      | 8,070  | 5044      | 1,766 | 5084      | 464   | 5116      | 2,946 | 5313      | 520   |
| 5017      | 3,912  | 5045      | 386   | 5085      | 648   | 5122      | 124   | 5316      | 523   |
| 5018      | 537    | 5047      | 5,986 | 5086      | 2,479 | 5127      | 230   | 5319      | 5358  |
| 5019      | 1,177  | 5049      | 31    | 5087      | 5,433 | 5129      | 162   | 5320      | 43    |
| 5020      | 338    | 5051      | 5,207 | 5088      | 5130  | 2,086     | 5322  | 342       | 5363  |
| 5021      | 3,483  | 5052      | 401   | 5089      | 8,474 | 5131      | 2,911 | 5323      | 214   |
| 5022      | 1,942  | 5053      | 1,874 | 5090      | 145   | 5132      | 752   | 5324      | 716   |
| 5023      | 2,864  | 5056      | 994   | 5091      | 622   | 5133      | 325   | 5325      | 405   |
| 5024      | 2,001  | 5058      | 671   | 5092      | 180   | 5134      | 255   | 5328      | 963   |
| 5026      | 8,086  | 5059      | 1,165 | 5093      | 7,185 | 5135      | 322   | 5331      | 333   |
| 5027      | 913    | 5062      | 6,324 | 5094      | 2,300 | 5136      | 366   | 5332      | 649   |
|           |        |           |       |           |       |           |       | 5373      | 577   |

## Phillips Resource Area Continued

| Allotment | Acres  | Allotment | Acres  | Allotment | Acres   | Allotment | Acres |
|-----------|--------|-----------|--------|-----------|---------|-----------|-------|
| 5374      | 2,186  | 5409      | 1,453  | 5444      | 4,087   |           |       |
| 5376      | 660    | 5410      | 717    | 5445      | 1,149   |           |       |
| 5377      | 163    | 5411      | 4,379  | 5454      | 1,283   |           |       |
| 5378      | 504    | 5413      | 2,742  | 5460      | 2,053   |           |       |
| 5379      | 857    | 5414      | 1,865  | 5461      | 612     |           |       |
| 5384      | 638    | 5415      | 6,947  | 5600      | 389     |           |       |
| 5385      | 613    | 5416      | 11,426 |           |         |           |       |
| 5386      | 2,751  | 5417      | 14,372 | Total     |         |           |       |
| 5387      | 6,134  | 5419      | 603    | 214       | 440,611 |           |       |
| 5388      | 2,411  | 5420      | 1,019  |           |         |           |       |
| 5389      | 888    | 5423      | 522    |           |         |           |       |
| 5390      | 2,237  | 5424      | 10,799 |           |         |           |       |
| 5391      | 628    | 5425      | 4,125  |           |         |           |       |
| 5392      | 378    | 5427      | 10,128 |           |         |           |       |
| 5393      | 253    | 5428      | 1,983  |           |         |           |       |
| 5394      | 319    | 5429      | 12,687 |           |         |           |       |
| 5398      | 451    | 5430      | 709    |           |         |           |       |
| 5399      | 812    | 5432      | 1,546  |           |         |           |       |
| 5400      | 984    | 5436      | 535    |           |         |           |       |
| 5401      | 608    | 5437      | 139    |           |         |           |       |
| 5402      | 1,980  | 5439      | 3,171  |           |         |           |       |
| 5404      | 404    | 5440      | 2,544  |           |         |           |       |
| 5405      | 4,099  | 5441      | 907    |           |         |           |       |
| 5406      | 3,978  | 5442      | 2,706  |           |         |           |       |
| 5407      | 2,912  | 5443      | 4,065  |           |         |           |       |
| 5408      | 10,075 | 5444      | 2,618  |           |         |           |       |

## Valley Resource Area

| Allotment | Acres  |
|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|--------|
| 0474      | 3     | 4022      | 3,520 | 4072      | 917   | 4301      | 2,739 | 4540      | 1,524 | 4652      | 111    |
| 0475      | 238   | 4023      | 3,300 | 4078      | 2,009 | 4302      | 8,313 | 4541      | 341   | 4654      | 376    |
| 0479      | 110   | 4024      | 2,949 | 4079      | 1,416 | 4303      | 8,123 | 4542      | 1,041 | 4655      | 381    |
| 0482      | 73    | 4025      | 5,850 | 4080      | 1,483 | 4308      | 1,842 | 4543      | 392   | 4657      | 420    |
| 0499      | 37    | 4026      | 1,284 | 4082      | 1,118 | 4309      | 2,536 | 4545      | 4     | 4660      | 332    |
| 0525      | 49    | 4029      | 498   | 4083      | 133   | 4312      | 121   | 4546      | 3,278 | 4664      | 296    |
| 0526      | 3     | 4030      | 729   | 4089      | 444   | 4503      | 130   | 4547      | 458   | 4665      | 270    |
| 0557      | 155   | 4031      | 764   | 4091      | 479   | 4510      | 194   | 4548      | 3,542 | 4666      | 80     |
| 4000      | 1,132 | 4032      | 2,442 | 4092      | 1,077 | 4511      | 309   | 4550      | 6,470 | 4700      | 2,492  |
| 4001      | 1,094 | 4037      | 419   | 4098      | 27    | 4512      | 341   | 4551      | 5,537 | 4701      | 2,370  |
| 4002      | 1,857 | 4038      | 572   | 4099      | 472   | 4513      | 260   | 4552      | 99    | 4703      | 2,125  |
| 4003      | 4,707 | 4041      | 9,807 | 4100      | 240   | 4514      | 1,300 | 4553      | 6,689 | 4704      | 124    |
| 4005      | 1,666 | 4049      | 311   | 4101      | 1,020 | 4515      | 253   | 4554      | 1,666 | 4705      | 276    |
| 4006      | 1,502 | 4052      | 731   | 4102      | 2,019 | 4516      | 165   | 4555      | 693   | 4707      | 7,309  |
| 4008      | 2,930 | 4053      | 5,089 | 4105      | 806   | 4518      | 564   | 4556      | 157   | 4708      | 7,754  |
| 4009      | 1,169 | 4054      | 1,072 | 4106      | 2,765 | 4519      | 1,680 | 4557      | 2,558 | 4709      | 527    |
| 4010      | 2,159 | 4055      | 7,773 | 4109      | 1,827 | 4521      | 598   | 4558      | 473   | 4710      | 119    |
| 4011      | 55    | 4056      | 1,876 | 4111      | 1,726 | 4525      | 1,300 | 4559      | 129   | 4711      | 7,137  |
| 4012      | 4,262 | 4058      | 674   | 4112      | 3,131 | 4527      | 1,192 | 4560      | 932   | 4712      | 690    |
| 4013      | 1,205 | 4059      | 2,064 | 4113      | 1,151 | 4529      | 443   | 4563      | 2,528 | 4713      | 2,579  |
| 4014      | 2,364 | 4061      | 1,262 | 4116      | 1,957 | 4533      | 1,474 | 4564      | 582   | 4714      | 641    |
| 4015      | 7,489 | 4066      | 382   | 4117      | 1,290 | 4534      | 2,003 | 4571      | 4,273 | 4715      | 617    |
| 4016      | 306   | 4067      | 858   | 4121      | 1,486 | 4535      | 2,304 | 4573      | 15    | 4716      | 2,755  |
| 4019      | 3,826 | 4068      | 412   | 4125      | 34    | 4537      | 658   | 4574      | 318   | 4717      | 4,441  |
| 4020      | 129   | 4069      | 703   | 4126      | 310   | 4538      | 1,306 | 4576      | 70    | 4718      | 11,862 |
| 4021      | 1,117 | 4071      | 449   | 4200      | 265   | 4539      | 1,284 | 4650      | 73    | 4719      | 135    |

APPENDIX 2.5: RANGE DEVELOPMENT IMPLEMENTATION COSTS

The following figures include the costs of implementing all range development projects, the salary and overhead costs of BLM operations personnel to initiate and monitor range development contracts and the cost of obtaining cultural clearance on the lands involved. Range development projects included in the figures are mechanical treatments, management and enclosure fences, water sources, noxious weed control, prairie dog control and land rehabilitation, and cattle guards. The costs of snow catchments, shade sources and oilers are not included because they are not quantified by alternative. The figures are for the total 7 year short term time period. The figures by alternative are as follows:

|               |              |
|---------------|--------------|
| Alternative A | \$14,356,345 |
| Alternative B | \$ 8,401,540 |
| Alternative C | \$31,655,828 |
| Alternative D | \$17,774,900 |
| Alternative E | \$15,126,550 |
| Alternative F | 0            |

The costs for each alternative were determined in the following manner (Alternative A will be used as an example):

| <u>Costs of Range Development Projects</u>                          | (Source: BLM, 1980) |
|---|---------------------|
| Mechanical Treatments, 281,000 acres at \$20/acre                   | \$ 5,620,000        |
| Management Fences, 650 miles at \$2,700/mile                        | \$ 1,755,000        |
| Enclosure Fences, 163 miles at \$8,100/mile                         | \$ 1,320,300        |
| Water Sources, 1,000 sources at \$1,500/source                      | \$ 1,500,000        |
| Noxious Weed Control, 2,200 acres at \$80/acre                      | \$ 176,000          |
| Prairie Dog Control and Rehabilitation 1,100 acres/<br>at \$25/acre | \$ 27,500           |
| Cattle Guards, 50 units at \$1,300/unit                             | \$ 65,000           |
| <u>Total Costs</u>  | <u>\$10,463,800</u> |

| <u>Costs of Operations Personnel</u>     | (Source: BLM, 1980) |
|--|---------------------|
| 1,274 work months x \$2,200/work month = | \$ 2,802,800        |

| <u>Costs of Cultural Clearance</u>                  | (Source: BLM, 1980) |
|---|---------------------|
| Mechanical Treatments, 281,000 acres at \$3.50/acre | \$ 983,500          |
| Management Fences, 650 miles at \$15/mile           | 9,750               |
| Enclosure Fences, 163 miles at \$15/mile            | 2,445               |
| Water Sources, 1,000 sources at \$80/source         | 80,000              |
| Noxious Weed Control, 2,200 acres at \$3.50/acre    | 7,700               |
| Prairie Dog Control, 1,100 acres at \$3.50/acre     | 3,850               |
| Cattle Guards, 50 units at \$50/unit                | 2,500               |
| <u>Total Costs</u>                                  | <u>\$ 1,089,745</u> |

| <u>Total Range Development Implementation Costs For Alternative A</u> |                     |
|---|---------------------|
| Construction  | \$10,463,800        |
| BLM Personnel   | 2,802,800           |
| Cultural Clearance  | <u>\$ 1,089,745</u> |
|   | <u>\$14,356,345</u> |

APPENDIX 2.6: ALLOTMENT MANAGEMENT PLAN RATING CRITERIA

The point system below was used to determine which allotment management plans would be implemented first. Various factors of the allotments were rated (see the table) including range condition, acreage, and the potential productivity:

| <u>Factor</u>  | <u>Points</u> |
|--|---------------|
| <u>Range Condition</u>   |               |
| 90 - 100% good and excellent   | 0             |
| 80 - 89%   | 0             |
| 70 - 79%   | 5             |
| 60 - 69%   | 10            |
| 50 - 59%   | 15            |
| 40 - 49%   | 20            |
| 30 - 39%   | 25            |
| 20 - 29%   | 30            |
| 10 - 19%   | 35            |
| 0 - 9%   | 40            |
| <u>Allotment Acreage</u>   |               |
| Greater than 10,000  | 40            |
| Greater than 5,000 - 9,999 BLM acres   | 30            |
| 2,500 - 4,999 BLM acres  | 20            |
| 1,000 - 2,499 BLM acres  | 10            |
| Less than 1,000 BLM acres  | 5             |
| <u>Soil Productivity (Potential for Improvement)</u>   |               |
| <u>Dominant Soil Subgroup</u>  |               |
| 1. 6, 17 (Floodplains)   | 20            |
| 2. 1, 2, 5, 7, 8, 9, 11, 18 (Management with treatments)   | 15            |
| 3. 3, 4, 10, 12, 16 (Grazing management alone)   | 15            |
| 4. 15, 19 (Forested soils of mountains)  | 10            |
| 5. 13, 14, 16 (Low potential)  | 0             |
| The above factors were rated from SVIM data. Following this grouping of priorities, an additional rating was placed on each allotment from the Alternative Objective Matrix (Appendix ). These additional points establish priorities within the broad groups. These additional factors are: |               |
| High value riparian habitat  | 10            |
| High value reservoirs  | 5             |
| Antelope wintering areas   | 5             |
| Critical deer habitat  | 5             |
| Prairie dog towns  | 10            |
| Sharptail leks   | 1             |
| Sage grouse leks   | 1             |

HAVRE RA

| Proposed<br>AMP Allotment | Binge<br>Condition | Acreage | Productivity | Subtotal | High Value<br>Riparian | High Value<br>Reservoir | Antelope<br>Wintering<br>Area | Critical<br>Duck<br>Habitat | Prairie Dog<br>Town | Sharp-tailed<br>Grouse | Sage Grouse | Ground<br>Total |
|---------------------------|--------------------|---------|--------------|----------|------------------------|-------------------------|-------------------------------|-----------------------------|---------------------|------------------------|-------------|-----------------|
| 6006                      | 15                 | 40      | 15           | 70       | 10                     | 5                       |                               |                             |                     | 1                      | 1           | 87              |
| 6010                      | 5                  | 40      | 15           | 60       | 10                     |                         |                               |                             |                     |                        | 1           | 76              |
| 6089                      | 30                 | 40      | 15           | 85       |                        |                         |                               |                             |                     |                        | 1           | 86              |
| 6227                      | 15                 | 30      | 15           | 60       |                        |                         |                               |                             |                     |                        | 1           | 67              |
| 6251                      | 15                 | 20      | 15           | 50       | 10                     | 5                       |                               |                             |                     | 1                      | 1           | 67              |
| 6355                      | 35                 | 30      | 15           | 80       |                        |                         |                               |                             |                     |                        | 1           | 86              |
| 6378                      | 40                 | 20      | 15           | 75       |                        |                         |                               |                             |                     |                        | 1           | 91              |
| 6396                      | 35                 | 20      | 15           | 70       |                        |                         |                               |                             |                     |                        | 1           | 76              |
| 6398                      | 40                 | 10      | 15           | 65       |                        |                         |                               |                             |                     |                        | 1           | 71              |
| 6399                      | 40                 | 10      | 15           | 65       |                        |                         |                               |                             |                     |                        | 1           | 71              |
| 6434                      | 40                 | 10      | 15           | 65       |                        |                         |                               |                             |                     |                        | 1           | 71              |
| 6435                      | 40                 | 10      | 15           | 65       |                        |                         |                               |                             |                     |                        | 1           | 71              |
| 6439                      | 40                 | 10      | 15           | 65       |                        |                         |                               |                             |                     |                        | 1           | 71              |
| 6444                      | 40                 | 10      | 15           | 65       |                        |                         |                               |                             |                     |                        | 1           | 71              |
| 6463                      | 40                 | 10      | 15           | 65       |                        |                         |                               |                             |                     |                        | 1           | 71              |
| 6490                      | 40                 | 10      | 15           | 65       |                        |                         |                               |                             |                     |                        | 1           | 71              |
| 6358                      | 35                 | 20      | 15           | 60       |                        |                         |                               |                             |                     |                        | 1           | 66              |
| 6362                      | 40                 | 10      | 15           | 65       |                        |                         |                               |                             |                     |                        | 1           | 66              |
| 6449                      | 40                 | 10      | 15           | 65       |                        |                         |                               |                             |                     |                        | 1           | 66              |
| 6450                      | 40                 | 10      | 15           | 65       |                        |                         |                               |                             |                     |                        | 1           | 66              |
| 6451                      | 40                 | 10      | 15           | 65       |                        |                         |                               |                             |                     |                        | 1           | 66              |
| 6452                      | 40                 | 10      | 15           | 65       |                        |                         |                               |                             |                     |                        | 1           | 66              |
| 6455                      | 30                 | 20      | 15           | 65       |                        |                         |                               |                             |                     |                        | 1           | 66              |
| 6470                      | 40                 | 10      | 15           | 65       |                        |                         |                               |                             |                     |                        | 1           | 66              |
| 6471                      | 40                 | 10      | 15           | 65       |                        |                         |                               |                             |                     |                        | 1           | 66              |
| 6491                      | 40                 | 10      | 15           | 65       |                        |                         |                               |                             |                     |                        | 1           | 66              |
| 6452                      | 40                 | 10      | 15           | 65       |                        |                         |                               |                             |                     |                        | 1           | 66              |
| 6453                      | 40                 | 10      | 15           | 55       |                        |                         |                               |                             |                     |                        | 1           | 66              |
| 6470                      | 40                 | 10      | 15           | 65       |                        |                         |                               |                             |                     |                        | 1           | 66              |
| 6471                      | 40                 | 10      | 15           | 65       |                        |                         |                               |                             |                     |                        | 1           | 66              |

PHILLIPS RA

|      |    |    |    |    |    |   |   |   |   |   |    |    |
|------|----|----|----|----|----|---|---|---|---|---|----|----|
| 5012 |    | 40 | 15 | 55 | 10 |   |   |   |   | 1 | 1  | 67 |
| 5023 | 10 | 40 | 15 | 65 |    |   |   |   |   | 1 | 1  | 67 |
| 5026 | 10 | 40 | 15 | 65 |    |   |   |   |   | 1 | 1  | 67 |
| 5094 | 10 | 40 | 15 | 65 | 10 | 5 | 5 | 5 | 1 | 1 | 86 |    |
| 5095 | 15 | 30 | 15 | 60 |    |   |   |   |   | 1 | 1  | 57 |
| 5372 | 20 | 30 | 15 | 65 |    |   |   |   |   | 1 | 1  | 67 |
| 5406 | 25 | 20 | 15 | 60 | 5  |   |   |   |   | 1 | 1  | 67 |
| 5416 | 10 | 40 | 15 | 65 |    |   |   |   |   | 1 | 1  | 77 |
| 5424 | 10 | 40 | 15 | 65 | 10 |   |   |   |   | 1 | 1  | 77 |
| 5384 | 40 | 10 | 15 | 65 |    |   |   |   |   |   | 1  | 66 |
| 5390 | 40 | 10 | 15 | 65 |    |   |   |   |   |   | 1  | 66 |
| 5062 | 5  | 30 | 15 | 50 | 10 |   |   |   |   | 1 | 1  | 62 |

VALLEY RA

|      |    |    |    |    |    |   |   |   |   |     |    |    |
|------|----|----|----|----|----|---|---|---|---|-----|----|----|
| 4015 | 20 | 40 | 15 | 75 |    |   | 5 |   | 1 | 1   | 82 |    |
| 4019 | 30 | 30 | 15 | 75 |    |   | 5 |   | 1 | 1   | 82 |    |
| 4024 | 35 | 30 | 15 | 80 |    |   | 5 |   | 1 | 1   | 85 |    |
| 4025 | 25 | 30 | 15 | 70 |    |   | 5 |   | 1 | 1   | 77 |    |
| 4054 | 35 | 40 | 15 | 90 | 90 | 5 | 5 | 1 | 1 | 101 |    |    |
| 4055 | 20 | 40 | 15 | 75 |    | 5 | 5 | 1 | 1 | 87  |    |    |
| 4071 | 35 | 30 | 15 | 80 | 10 | 5 | 5 | 1 | 1 | 111 |    |    |
| 4116 | 15 | 30 | 15 | 60 |    | 5 | 5 | 1 | 1 | 67  |    |    |
| 4126 | 40 | 0  | 15 | 55 | 10 | 5 | 5 | 1 | 1 | 71  |    |    |
| 4303 | 15 | 40 | 15 | 70 |    | 5 | 5 | 1 | 1 | 80  |    |    |
| 4303 | 15 | 40 | 15 | 70 | 10 | 5 | 5 | 1 | 1 | 91  |    |    |
| 4535 | 40 | 30 | 15 | 85 |    |   |   |   | 1 | 1   | 87 |    |
| 4540 | 40 | 20 | 15 | 75 |    |   |   |   | 1 | 1   | 76 |    |
| 4546 | 15 | 40 | 15 | 70 |    |   | 5 |   | 1 | 1   | 75 |    |
| 4550 | 10 | 40 | 15 | 65 |    |   | 5 |   | 1 | 1   | 66 |    |
| 4551 | 30 | 40 | 15 | 85 |    |   |   |   | 1 | 1   | 82 |    |
| 4553 | 25 | 40 | 15 | 80 |    |   |   |   | 1 | 1   | 82 |    |
| 4554 | 30 | 20 | 15 | 65 |    |   |   |   | 1 | 1   | 67 |    |
| 4557 | 40 | 20 | 15 | 75 |    |   |   |   | 1 | 1   | 76 |    |
| 4707 | 25 | 40 | 15 | 80 | 60 |   |   |   | 1 | 1   | 82 |    |
| 4711 | 20 | 40 | 15 | 75 | 10 | 5 | 5 |   | 1 | 1   | 91 |    |
| 4722 | 30 | 30 | 15 | 75 |    | 5 | 5 |   | 1 | 1   | 86 |    |
| 4724 | 30 | 10 | 15 | 55 | 10 | 5 | 5 |   | 1 | 1   | 76 |    |
| 4009 | 35 | 10 | 15 | 60 |    | 5 | 5 |   | 1 | 1   | 65 |    |
| 4023 | 10 | 30 | 15 | 55 |    | 5 | 5 |   | 1 | 1   | 66 |    |
| 4092 | 30 | 10 | 15 | 55 |    | 5 | 5 |   | 1 | 1   | 66 |    |
| 4537 | 40 | 10 | 15 | 65 |    |   |   |   |   | 1   | 1  | 66 |
| 4539 | 40 | 10 | 15 | 65 |    |   |   |   |   | 1   | 1  | 66 |
| 4573 | 25 | 30 | 15 | 70 |    |   |   |   |   | 1   | 1  | 71 |
| 4703 | 30 | 20 | 15 | 65 |    |   |   |   |   | 1   | 1  | 65 |
| 4005 | 35 | 10 | 15 | 60 |    |   | 5 |   | 1 | 1   | 62 |    |
| 4113 | 30 | 10 | 15 | 55 |    |   |   |   | 1 | 1   | 62 |    |
| 4503 | 40 | 10 | 15 | 55 |    |   |   |   | 1 | 1   | 62 |    |

## APPENDIX 3.1: PHYSICAL PROPERTIES OF SOILS

## Column

1. SOIL NAME

This column includes soil series, soil subgroups, and miscellaneous land types.

2. GEOMORPHIC SOIL SUBGROUP

A group of soils having a unique kind and degree of limitation for alternative land use and treatment based on parent material, soil quality and land features.

3. SLOPE CLASSES

| <u>Description</u>                   | <u>Slope Percent</u> | <u>Description</u>        | <u>Slope Percent</u> |
|--------------------------------------|----------------------|---------------------------|----------------------|
| Nearly level                         | 0 to 2               | Moderately steep or hilly | 15 to 25             |
| Gently sloping and undulating        | 2 to 4               | Steep                     | 25 to 45             |
| Moderately sloping or gently rolling | 4 to 8               | Very steep                | 45 + %               |
| Strongly sloping or strongly rolling | 8 to 15              |                           |                      |

4. SOIL DEPTH FAVORABLE TO PLANT ROOTS

Depth to bedrock, hardpan, water table, or other restrictive layers that would stop or hinder the penetration of roots. It is the depth of soil readily penetrated by roots. Depth classes are:

|                 | <u>Inches</u> |           | <u>Inches</u> |
|-----------------|---------------|-----------|---------------|
| Very shallow    | Less than 10  | Deep      | 40 to 60      |
| Shallow         | 10 to 20      | Vary deep | More than 60  |
| Moderately deep | 20 to 40      |           |               |

5. NATURAL DRAINAGE CLASS

Drainage that existed during the development of the soil. Seven different classes of natural soil drainage are recognized.

Excessively drained soils are commonly very porous and rapidly permeable and have a low water-holding capacity.

Somewhat excessively drained soils are also very permeable and are free from mottling throughout their profile.

Well-drained soils are nearly free from mottling and are commonly of intermediate texture.

Moderately well drained soils commonly have a slowly permeable layer in or immediately beneath the soil. They have uniform color in the A horizon and have mottling in the lower part of the B or C horizon.

Somewhat poorly drained soils are wet for significant periods but not all the time, and some soils commonly have mottling at a depth below 6 to 16 inches.

Poorly drained soils are wet for long periods; they are light gray and generally mottled from the surface downward, but some have few or no mottles.

Very poorly drained soils are wet nearly all the time. They have a dark-gray or black surface layer and are gray or light gray, with or without mottling, in the deeper parts of the profile.

6. SOIL TEXTURAL CLASSES

## BASIC CLASS NAME

## GENERAL TERMS

Sand-Soil material that contains 85% or more of sand; percentage of silt, plus 1.5 times the percentage of clay, shall not exceed 15.

Coarse Textured Soils

Sandy Soils

Loamy Sand-Soil material that contains at the upper limit 85 to 90% sand, and the percentage of silt plus 1.5 times the percentage of clay is not less than 15; at the lower limit it contains not less than 70 to 75% sand, and the percentage of silt plus twice the percentage of clay does not exceed 30.

Coarse Textured Soils

Sandy Soils

Sandy Loam-Soil material that contains either 20% clay or less, and the percentage of silt plus twice the percentage of clay exceeds 30, and 52% or more sand; or less than 7% clay, less than 50% silt, and between 43 and 52% sand.

Moderately Coarse Textured Soils

Loamy Soils

Fine Sandy Loam-30% or more fine sand and less than 30% very fine sand (or) between 15 and 30% very coarse, coarse, and medium sand.

Moderately Coarse Textured Soils

Loamy Soils

Very Fine Sandy Loam-30% or more very fine (or) more than 40% fine and very fine sand, at least half of which is very fine and less than 15% very coarse, coarse, and medium sand.

Moderately Coarse Textured Soils

Loamy Soils

Loam-Soil material that contains 7 to 27% clay, 28 to 30% silt, and less than 52% sand.

Medium Textured Soils

Loamy Soils

Silt Loam-Soil material that contains 50% or more silt and 12 to 27% clay (or) 50 to 80% silt and less than 12% clay.

Medium Textured Soils

Loamy Soils

Clay Loam-Soil material that contains 27 to 40% clay and 20 to 45% sand.

Moderately Fine Textured Soils

Loamy Soils

Sandy Clay Loam-Soil material that contains 20 to 35% clay, less than 28% silt, and 45% or more sand.

Moderately Fine Textured Soils

Loamy Soils

Silty Clay Loam-Soil material that contains 27 to 40% clay and less than 20% sand.

Moderately Fine Textured Soils

Loamy Soils

Sandy Clay-Soil material that contains 35% or more clay and 45% or more sand.

Fine Textured Soils

Clayey Soils

Silty Clay-Soil material that contains 40% or more clay and 40% or more silt.

Fine Textured Soils

Clayey Soils

Clay-Soil material that contains 40% or more clay, less than 45% sand, and less than 40% silt.

Fine Textured Soils

Clayey Soils

6. SOIL TEXTURAL CLASSES continued

a. Surface Layer - The uppermost part of the soil, ordinarily moved in tillage, or its equivalent in uncultivated soils and ranging in thickness from 4 to 8 inches. Frequently designated as the "flow layer", or the Ap horizon.

b. Subsoil - Technically, the B horizon, the part of the column below plow depth.

7. PERMEABILITY

The quality which permits movement of water and air through the most restrictive layer in the rooting zone. Terms used to describe permeability are:

|                           | Inches per hour |                            | Inches per hour |
|---------------------------|-----------------|----------------------------|-----------------|
| Very slow . . . . .       | Less than 0.06  | Moderately rapid . . . . . | 2.00 - 6.00     |
| Slow . . . . .            | 0.06 - 0.20     | Rapid . . . . .            | 6.00 - 20.00    |
| Moderately slow . . . . . | 0.20 - 0.60     | Very rapid . . . . .       | More than 20.00 |
| Moderate . . . . .        | 0.60 - 2.00     |                            |                 |

8. AVAILABLE WATER CAPACITY

The capacity of soils to hold water available for use by most plants. It is commonly defined as the difference between the amount of soil water at field capacity and the amount at wilting point. It is expressed as inches of water in the soil profile and rated as follows:

|                    | Inches        |                    | Inches        |
|--------------------|---------------|--------------------|---------------|
| Very low . . . . . | Less than 2.5 | Moderate . . . . . | 5.0 - 7.5     |
| Low . . . . .      | 2.5 - 5.0     | High . . . . .     | More than 7.5 |

9. SURFACE WATER RUNOFF

Very slow - Free water lies on the surface for long periods or enters immediately into soil.

Slow - Free water covers the soil for significant periods or enters the soil rapidly and a large part of the water passes through the profile or evaporates into the air.

Medium - Surface water flows away at such a rate that a moderate proportion of the water enters the soil profile and free water lies on the surface for only short periods. With medium runoff, the loss of water over the surface does not reduce seriously the supply available for plant growth.

Rapid - A large proportion of the precipitation moves rapidly over the surface of the soil and a small part moves through the soil profile. Surface water runs off nearly as fast as it is added.

Very rapid - A very large part of the water moves rapidly over the surface of the soil and a very small part goes through the profile.

10. EROSION SUSCEPTIBILITYa. Water Erosion Ratings

Water erosion hazard is rated for soils that are bare of vegetation.

| PERCENT SLOPES | LENGTH OF SLOPES | DOMINANT TEXTURE OF SOIL PROFILE |                 |                   |                 |
|----------------|------------------|----------------------------------|-----------------|-------------------|-----------------|
|                |                  | Fine                             | Medium textured | Moderately coarse | Coarse textured |
| 0 - 2          | Less than 250'   | Slight                           | Slight          | Slight            | Slight          |
|                | 250 - 1000'      | Slight                           | Slight          | Slight            | Slight          |
|                | More than 1000'  | Slight                           | Slight          | Slight            | Slight          |
| 2 - 4          | Less than 250'   | Slight                           | Slight          | Slight            | Slight          |
|                | 250 - 1000'      | Moderate                         | Moderate        | Slight            | Slight          |
|                | More than 1000'  | Moderate                         | Moderate        | Moderate          | Slight          |
| 4 - 8          | Less than 250'   | Moderate                         | Moderate        | Slight            | Slight          |
|                | 250 - 1000'      | Moderate                         | Moderate        | Moderate          | Slight          |
|                | More than 1000'  | High                             | Moderate        | Moderate          | Slight          |
| 8 - 15         | Less than 250'   | High                             | Moderate        | Moderate          | Moderate        |
|                | 250 - 1000'      | High                             | High            | Moderate          | Moderate        |
|                | More than 1000'  | High                             | High            | High              | Moderate        |
| 15 - 25        | Less than 250'   | High                             | High            | Moderate          | Moderate        |
|                | 250 - 1000'      | High                             | High            | High              | Moderate        |
|                | More than 1000'  | High                             | High            | High              | High            |
| 25+            | All              | High                             | High            | High              | High            |

b. Wind Erodibility Groups (WEC)WEC Predominant Soil Texture Class of Surface Layer

- (Very Severe) - All sands: coarse sand, medium sand, fine sand, and very fine sand.
- (Very severe) - All loamy sands: loamy coarse sand, loamy sand, loamy fine sand and loamy very fine sand.
- (Severe) - All sandy loams: coarse sandy loam, sandy loam, fine sandy loam and very fine sandy loam.
- (Severe) - All calcareous loam, silt loam, sandy clay loam, or calcareous clay loam and silty clay loam soils with less than 35 percent clay content and more than 5 percent finely divided calcium carbonate.
- (Severe) - All clays and silty clays, and clay loam and silty clay loam soils with more than 35 percent clay.
- (Moderate) - Noncalcareous loam and silt loam soils with less than 18 percent clay, and all noncalcareous sandy clay loam and sandy clay soils.
- (Moderate) - All loam and silt loam soils with more than 18 percent clay, and clay loam soils with less than 35 percent clay content.
- (Slight) - Noncalcareous silty clay loam soils with less than 35 percent clay.
- (Non-eroditive) - Soils not suitable for cultivation due to wetness and percent rock fragments. Wind erosion not a problem.

## 11. HYDROLOGICAL SOIL GROUP

- A. (Low runoff potential). Soils having high infiltration rates even when thoroughly wetted and consisting chiefly of deep, well to excessively drained sands or gravels. These soils have a high rate of water transmission.
- B. Soils having moderate infiltration rates when thoroughly wetted and consisting chiefly of moderately deep to deep, moderately well to well drained soils with moderately fine to moderately coarse textures. These soils have a moderate rate of water transmission.
- C. Soils having slow infiltration rates when thoroughly wetted and consisting chiefly of soils with a layer that impedes downward movement of water, or soils with moderately fine to fine texture. These soils have a slow rate of water transmission.
- D. (High runoff potential). Soils having very slow infiltration rates when thoroughly wetted and consisting chiefly of clay soils with a high swelling potential, soils with a permanent high water table, soils with a claypan or clay layer at or near the surface, and shallow soils over nearly impervious material. These soils have a very slow rate of water transmission.

## 12. SOIL LOSS EQUATION

" $K^*$ " Factor - It is the soil erodibility factor. It shows how easily each soil will erode when rain falls on bare ground; or is a measure of the susceptibility of soil particles to detachment and transport by rainfall and runoff.

## 13. RESTRICTIVE SOIL FACTOR(S)

Soil characteristics affecting production, sedimentation, or selective treatments for the land.

## USE OF CRITERIA IN RATING SOIL COMPACTION SUSCEPTIBILITY

## Prairie Pothole (EIS)

| Compaction Susceptibility Rating | Texture |           |    |              |   |    | Structure |              |          |            |         |            | Degree of Wetness |              | Permeability     |   |    |   |    |
|----------------------------------|---------|-----------|----|--------------|---|----|-----------|--------------|----------|------------|---------|------------|-------------------|--------------|------------------|---|----|---|----|
|                                  | C       | MC        | Mo | F            | C | MC | Mo        | F            | Surface  | Subsurface | Surface | Subsurface | Surface           | Subsurface   | VS               | S | MS | M | MR |
| 1. High                          | X       | X         | X  |              | X | X  |           |              | Pl, M, G | Pr, C, M   | M       |            | D, M              |              | X                | X |    |   |    |
| 2. Moderate                      |         | X         |    |              | X | X  | X         |              | Pl, G    | Pr, C, M   | M       |            | D, M              |              | X                | X |    |   |    |
| 3. Low                           | X       | X         | X  |              | X | X  |           |              | SC, G    | G, SG, B   | M or D  |            | M or D            |              |                  |   |    | X | X  |
| Soil Texture                     |         | Structure |    |              |   |    |           | Wetness      |          |            |         |            |                   | Permeability |                  |   |    |   |    |
| C - Coarse                       |         | Pl        | -  | Piety        |   | M  | -         | Moist or wet |          |            |         |            |                   | VS           | Very Slow        |   |    |   |    |
| MC - Moderately Coarse           |         | M         | -  | Matrie       |   | D  | -         | Dry          |          |            |         |            |                   | S            | Slow             |   |    |   |    |
| Mo - Medium                      |         | G         | -  | Angular      |   |    |           |              |          |            |         |            |                   | MS           | Moderately Slow  |   |    |   |    |
| MoF - Moderately Fine            |         | Pr        | -  | Prismatic    |   |    |           |              |          |            |         |            |                   | M            | Moderate         |   |    |   |    |
| F - Fine                         |         | C         | -  | Columnar     |   |    |           |              |          |            |         |            |                   | MR           | Moderately Rapid |   |    |   |    |
|                                  |         | SG        | -  | Single Crein |   |    |           |              |          |            |         |            |                   | R            | Rapid            |   |    |   |    |
|                                  |         | B         | -  | Blocky       |   |    |           |              |          |            |         |            |                   |              |                  |   |    |   |    |

Rock fragments in soils reduce soil compaction susceptibility ratings.

## SOURCE:

Terms, definitions and information is from or modified from the following sources:

1. Soil Survey Manual  
by Soil Survey Staff, 1951  
Bureau of Plant Industry, Soils and Agricultural Engineering
2. Soil Taxonomy  
by Soil Survey Staff, 1975  
Soil Conservation Service
3. Soil Survey Interpretations  
by Soil Survey Staff, continuous updates  
Soil Conservation Service

## APPENDIX 3.1: CONTINUED

| 1<br>Soil<br>Name   | 2<br>Geo-<br>graphic<br>Soil<br>Sub-<br>group | 3<br>Range in<br>Slope<br>Classes          | 4<br>Soil<br>Depth<br>Favor-<br>able to<br>Plant<br>Roots | 5<br>Natural<br>Drainage<br>Class   | 6<br>Surface<br>Layer                  | 7<br>Subsoil or<br>Underlying<br>Material           | 8<br>Perme-<br>ability of<br>Most Re-<br>strictive<br>Layer | 9<br>Avail-<br>able<br>Water<br>Capacity | 10<br>EROSION<br>SUSCEPTIBILITY<br>Water<br>Erosion<br>Erodibil-<br>ity Group<br>(WEG) | 11<br>Hydro-<br>logic<br>Soil<br>Group    | 12<br>Soil Loss<br>Equation<br>"n"<br>Factor<br>(Surface<br>Layer) | 13<br>Restrictive<br>Soil Factors  |  |
|---|---|--|---|-------------------------------------|--|---|---|--|--|---|--|--|--|
| Bedlands  | 3<br>4  | Steep-very<br>steep                        | None  | None                                | Variable<br>texture<br>or bed-<br>rock | Bedrock   | Very slow   | Very low                                 | Very rapid   | High                                      | Severe (4)   | D  | .64<br>Barren hills; ridges<br>and slopes; erosion<br>hazard                 |
| Rock<br>Outcrop   | 3<br>4<br>5                                   | Steep-very<br>steep                        | None  | None                                | Bedrock                                | Bedrock   | Very slow   | Very low                                 | Very rapid   | High                                      | Severe (4)   | D  | .64<br>Unweathered sand-<br>stone, siltstone and<br>shale; erosion<br>hazard |
| Shale   | 3<br>4  | Gently slop-<br>ing-steep                  | None  | None                                | Clay<br>over<br>shale                  | Shale   | Very slow   | Very low                                 | Very rapid   | High                                      | Severe (4)   | D  | .64<br>Nearly barren shale;<br>erosion hazard                                |
| Ustic<br>Terriflu-<br>vents                                 | 6<br>17                                       | Nearly level<br>-gently<br>sloping         | Deep  | Moder-<br>ately<br>well-<br>drained | Sandy<br>loam-<br>clay<br>loam         | Sandy loam-<br>clay loam<br>stratified              | Moderate-<br>moder-<br>ately<br>slow                        | High                                     | Medium   | Slight Severe<br>moder-<br>ate            | C  | .32<br>Variable textures;<br>subject to flood-<br>ing; erosion<br>hazard; dissected<br>by stream channels;<br>moderate compaction<br>susceptibility    |  |
| Ustic<br>Terriflu-<br>vents<br>(Terraces<br>-fans)          | 6   | Nearly level<br>-moderately<br>sloping     | Deep  | Well<br>drained                     | Loam-<br>clay<br>loam                  | Sandy loam-<br>clay loam<br>stratified              | Moderate-<br>slow   | High                                     | Slow-<br>medium  | Slight Severe<br>moder-<br>ate            | C  | .32<br>Variable textures;<br>dissected by stream<br>channels; erosion<br>hazard; moderate<br>compaction<br>susceptibility                              |  |
| Ustic<br>Terriflu-<br>vents<br>(Upland<br>bedrock<br>soils) | 3<br>4<br>5                                   | Strongly<br>sloping<br>-steep              | Shallow<br>-moder-<br>ately<br>deep                       | Well<br>drained                     | Clay-<br>clay<br>loam                  | Clay-clay<br>loam over<br>shale                     | Slow-<br>very slow  | Low-<br>high                             | Rapid  | Severe Moderate<br>(6)<br>-Severe<br>(4L) | D  | .37<br>Variable textures;<br>permeability; ero-<br>sion hazard; moder-<br>ate compaction<br>susceptibility   |  |
| Ustiflu-<br>vents,<br>saline                                | 6   | Nearly level                               | Deep  | Somewhat<br>poorly<br>drained       | Clay<br>loam-<br>loam                  | Sandy loam-<br>clay loam<br>stratified              | Moderate-<br>slow   | High                                     | Slow-<br>medium  | Slight Non-ero-<br>sive (8)               | D  | .37<br>Variable textures;<br>drainage; permeabil-<br>ity; saline soil;<br>high compaction<br>susceptibility  |  |
| Aquic<br>Ustiflu-<br>vents                                  | 6<br>17                                       | Nearly level<br>-gently<br>sloping         | Deep  | Somewhat<br>poorly<br>drained       | Loam-<br>clay<br>loam                  | Loam-clay<br>loam                                   | Moder-<br>ately<br>slow                                     | High                                     | Slow   | Slight Non-ero-<br>sive (8)               | C  | .32<br>Drainage; flooding<br>hazard; high compac-<br>tion susceptibility   |  |
| Flu-<br>quentic<br>Raplo-<br>borolim                        | 6<br>17                                       | Nearly level<br>-gently<br>sloping         | Deep  | Somewhat<br>poorly<br>drained       | Clay<br>loam                           | Clay loam,<br>loam, grav-<br>ely loam<br>stratified | Moderate-<br>moder-<br>ately<br>slow                        | High                                     | Slow   | Slight Non-ero-<br>sive (8)               | C  | .32<br>Drainage; flooding<br>hazard; high compac-<br>tion susceptibility   |  |
| Flu-<br>quentic,<br>saline                                  | 6   | Nearly level<br>-gently<br>sloping         | Deep  | Poorly<br>drained                   | Loam to<br>clay                        | Loam to<br>clay                                     | Moderate-<br>slow   | High                                     | Slow   | Slight Non-ero-<br>sive (8)               | C  | .32<br>Drainage; flooding<br>hazard; saline soil;<br>high compaction<br>susceptibility   |  |
| Typic<br>Flu-<br>quentic                                    | 6<br>17                                       | Nearly level<br>-gently<br>sloping         | Deep  | Poorly<br>drained                   | Loam to<br>clay                        | Loam to<br>clay                                     | Moderate-<br>slow   | High                                     | Slow-<br>ponded  | Slight Non-ero-<br>sive (8)               | C  | .32<br>Drainage; flooding<br>hazard; high compac-<br>tion susceptibility   |  |
| Typic<br>Ustiflu-<br>vents                                  | 6   | Nearly level<br>-gently<br>sloping         | Deep  | Well<br>drained                     | Clay<br>loam-<br>loam                  | Clay loam-<br>loam-sandy<br>loam<br>stratified      | Moderate-<br>slow   | High                                     | Slow   | Slight Severe<br>(4L)                     | C  | .32<br>Variable textures;<br>subject to flooding;<br>wind erosion hazard;<br>dissected by stream<br>channels; moderate<br>compaction<br>susceptibility |  |
| Abor  | 4   | Gently<br>sloping-<br>steep                | Moder-<br>ately deep                                      | Well<br>drained                     | Silty<br>clay                          | Silty clay<br>over shale                            | Slow  | Low                                      | Medium<br>rapid  | Moder-<br>ate-<br>high                    | D  | .37<br>Texture; perme-<br>ability; depth; high<br>compaction suscep-<br>tibility; wind<br>erosion hazard   |  |
| Abshet  | 12  | Nearly<br>level-mod-<br>erately<br>sloping | Deep  | Moder-<br>ately<br>well<br>drained  | Loam                                   | Clay  | Very slow   | High                                     | Slow-<br>medium  | Slight Moderate<br>(6)<br>moder-<br>ate   | D  | .49<br>Claypan; texture;<br>permeability;<br>drainage; acidic soil;<br>high compaction<br>susceptibility   |  |
| Acel  | 10  | Nearly level<br>-moderately<br>sloping     | Deep  | Well<br>drained                     | Clay<br>loam                           | Silty<br>clay                                       | Slow  | High                                     | Slow-<br>medium  | Slight Moderate<br>(6)<br>moder-<br>ate   | D  | .37<br>Texture; permeabil-<br>ity; crusty surface<br>layer; high compac-<br>tion susceptibility  |  |

## APPENDIX 3.1: CONTINUED

| 1<br>Soil<br>Name  | 2<br>Geo-<br>graphic<br>Soil<br>Sub-<br>group | 3<br>Range in<br>Slope<br>Classes        | 4<br>Soil<br>Depth<br>Favor-<br>able to<br>Plant<br>Roots | 5<br>Natural<br>Drainage<br>Class | TEXTURE<br>6<br>Surface<br>Layer | 7<br>Subsoil or<br>Underlying<br>Material                   | 8<br>Perme-<br>ability of<br>Most Re-<br>strictive<br>Layer | 9<br>Avail-<br>able<br>Water<br>Capacity | 10<br>EROSION<br>SUSCEPTIBILITY | 11<br>Hydro-<br>logic<br>Soil<br>Group     | 12<br>Soil Load<br>Equation<br>"n" | 13<br>Restrictive<br>Soil Factors |   |
|--------------------|---|--|---|-----------------------------------|----------------------------------|---|---|--|---------------------------------|--|------------------------------------|-----------------------------------|---|
| Adger              | 12  | Nearly level-<br>moderately<br>sloping   | Deep  | Moderately<br>well<br>drained     | Loam                             | Clay  | Very slow   | High                                     | Slow-<br>medium                 | Slight Moderate<br>(6)<br>erate            | D                                  | .49                               | Claypan; texture;<br>permeability; drain-<br>age; sodic soil;<br>high compaction<br>susceptibility                  |
| Arcette            | 15  | Moderately<br>steep-very<br>steep        | Deep  | Extremely<br>drained              | Very<br>gravely<br>loam          | Extremely<br>gravely<br>loam                                | Rapid<br>perme-<br>ability                                  | Very low                                 | Very<br>slow                    | Moder-<br>ate-<br>high                     | B                                  | .17                               | Rock fragments;<br>available water<br>capacity; slope   |
| Assinini-<br>boine | 8   | Nearly level-<br>strongly<br>sloping     | Deep  | Well<br>drained                   | Fine<br>sandy<br>loam            | Sandy<br>clay loam  | Moderate  | High                                     | Slow                            | Slight Severe (3)<br>mod-<br>erate         | B                                  | .24                               | Texture; wind<br>erosion hazard   |
| Attewan            | 9   | Nearly level-<br>moderately<br>sloping   | Deep  | Well<br>drained                   | Loam                             | Clay loam<br>over very<br>gravely<br>loamy sand             | Moderate  | Low                                      | Slow-<br>medium                 | Slight Moderate<br>(6)<br>mod-<br>erate    | A                                  | .37                               | Available water<br>capacity; moderate<br>compaction<br>susceptibility   |
| Barkof             | 4   | Gently slop-<br>ping steep               | Moderately<br>deep  | Well<br>drained                   | Clay                             | Clay over<br>shale  | Very slow   | Moderate                                 | Medium-<br>rapid                | Moder-<br>ate-<br>high                     | D                                  | .37                               | Texture; permeability;<br>high compaction<br>susceptibility   |
| Bascovy            | 4   | Gently slop-<br>ping-steep               | Moderately<br>deep  | Well<br>drained                   | Clay                             | Clay over<br>hard platy<br>shale                            | Very slow   | Moderate                                 | Medium-<br>rapid                | Moder-<br>ate-<br>high                     | D                                  | .37                               | Texture; permeability;<br>wind erosion<br>hazard; high compac-<br>tion susceptibility                               |
| Bearpaw            | 1   | Nearly level-<br>moderately<br>sloping   | Deep  | Well<br>drained                   | Loam                             | Clay loam   | Slow  | High                                     | Slow-<br>medium                 | Slight Moderate<br>(6)<br>mod-<br>erate    | B                                  | .37                               | Permeability;<br>high compaction<br>susceptibility  |
| Beaverell          | 14  | Nearly level-<br>moderately<br>sloping   | Deep  | Well<br>drained                   | Gravelly<br>loam                 | Gravelly<br>clay loam<br>over very<br>gravely<br>loamy sand | Moderate  | Very<br>low                              | Slow                            | Slight Moderate<br>(6)<br>mod-<br>erate    | B                                  | .32                               | Rock fragment;<br>available water<br>capacity   |
| Beaverton          | 14  | Nearly level-<br>moderately<br>steep     | Deep  | Well<br>drained                   | Gravelly<br>loam or<br>loam      | Extremely<br>gravely<br>underlying<br>material              | Moderate  | Very<br>low                              | Slow<br>or<br>medium            | Slight Moderate<br>(5)<br>mod-<br>erate    | A                                  | .28                               | Rock fragments;<br>available water<br>capacity  |
| Belain             | 15<br>18                                      | Gently slop-<br>ping steep               | Moderately<br>deep  | Well<br>drained                   | Loam                             | Gravelly<br>loam over<br>bedrock                            | Moderate  | Low                                      | Slow                            | Slight Moderate<br>(5)<br>mod-<br>erate    | B                                  | .37                               | Available water<br>capacity; moderate<br>compaction<br>susceptibility   |
| Benz               | 9   | Nearly level-<br>strongly<br>sloping     | Deep  | Well<br>drained                   | Clay<br>loam                     | Loam and<br>clay loam<br>stratified                         | Slow  | High                                     | Slow-<br>medium                 | Slight Severe (4L)<br>mod-<br>erate        | D                                  | .37                               | Permeability;<br>strongly to very<br>strongly alkaline<br>underlying material;<br>high compaction<br>susceptibility |
| Bitton             | 9   | Strongly<br>sloping-<br>very steep       | Deep  | Well<br>drained                   | Gravelly<br>loam                 | Very gra-<br>vally<br>loam                                  | Moderately<br>rapid   | Low                                      | Slow-<br>medium                 | Slight Moderate<br>(5)<br>mod-<br>erate    | B                                  | .32                               | Rock fragments;<br>available water<br>capacity  |
| Blanchard          | 8   | Undulating-<br>strongly<br>rolling       | Deep  | Exces-<br>sively<br>drained       | Loamy<br>fine<br>sand            | Fine sand   | Rapid   | Low                                      | Very<br>slow                    | Slight Very<br>mod-<br>erate<br>severe (2) | A                                  | .15                               | Texture; available<br>water capacity<br>wind erosion hazard   |
| Bowdoin            | 6   | Nearly level                             | Deep  | Well<br>drained                   | Clay                             | Clay  | Very<br>slow  | High                                     | Slow                            | Slight Severe (4)                          | D                                  | .37                               | Texture; permeability;<br>high compaction<br>susceptibility   |
| Brockway           | 9   | Nearly level-<br>moderately<br>sloping   | Deep  | Well<br>drained                   | Silt<br>loam                     | Silt loam<br>and silty<br>clay loam<br>stratified           | Moderately<br>slow  | High                                     | Slow-<br>medium                 | Slight Severe<br>(4L)<br>mod-<br>erate     | B                                  | .32                               | Wind erosion hazard;<br>moderate compaction<br>susceptibility   |
| Buby               | 8   | Gently slop-<br>ping-strongly<br>sloping | Deep  | Well<br>drained                   | Fine<br>sandy<br>loam            | Fine sandy<br>loam  | Moderately<br>rapid   | Moderate                                 | Slow-<br>medium                 | Slight Severe (3)<br>mod-<br>erate         | B                                  | .20                               | Wind erosion<br>hazard  |
| Cabbs              | 5   | Moderately<br>sloping-<br>very steep     | Shallow   | Well<br>drained                   | Loam                             | Loam and<br>clay loam<br>over bed-<br>rock                  | Moderate  | Very low                                 | Medium-<br>rapid                | Moder-<br>ate-<br>high                     | C                                  | .37                               | Depth; available<br>water and wind<br>erosion hazard;<br>moderate compac-<br>tion susceptibility                    |
| Cabbatt            | 5   | Gently slop-<br>ping-<br>very steep      | Shallow   | Well<br>drained                   | Loam                             | Loam over<br>bedrock  | Moderate  | Very low                                 | Slow-<br>rapid                  | Slight Severe<br>(4L)<br>mod-<br>erate     | D                                  | .37                               | Depth; available<br>water capacity;<br>water and wind<br>erosion hazard;<br>moderate compac-<br>tion susceptibility |

APPENDIX 3.1: CONTINUED

| 1<br>Soil<br>Name | 2<br>Geo-<br>morphic<br>Soil<br>Sub-<br>group | 3<br>Range in<br>Slope<br>Classes         | 4<br>Soil<br>Depth<br>Infor-<br>mation<br>Available<br>to<br>Plant<br>Roots | 5<br>Natural<br>Drainage<br>Class       | 6<br>TEXTURE<br>Surface<br>Layer | 7<br>Perme-<br>ability of<br>Underlying<br>Material         | 8<br>Avail-<br>able<br>Water<br>Capacity | 9<br>EROSION<br>SUSCEPTIBILITY | 10<br>Surface<br>Water<br>Runoff | 11<br>Hydro-<br>logic<br>Soil<br>Group | 12<br>Soil Loss<br>Equation<br>"K"<br>Factor<br>(Surface<br>Layer) | 13<br>Restrictive<br>Soil Factors |  |   |
|-------------------|---|---|---|---|----------------------------------|---|--|--------------------------------|----------------------------------|--|--|-----------------------------------|--|---|
| Cambert           | 5   | Nearly level<br>-moderately<br>steep      | Moderately<br>deep  | Well<br>drained                         | Silt<br>loam<br>over<br>silstone | Moderate  | Moderate                                 | Slow-<br>rapid                 | Slight<br>-high                  | Moderate<br>(6)                        | B  | .37                               | Depth; moderate<br>compaction suscep-<br>tibility; water<br>erosion hazard |   |
| Gastner           | 19  | Nearly level<br>-very steep               | Shallow   | Well<br>drained                         | Very<br>cham-<br>piony<br>loam   | Very<br>cham-<br>piony<br>loam<br>over<br>sandstone         | Moderate                                 | Very low                       | Slow-<br>rapid                   | Slight<br>-high                        | Moderate<br>(5)  | C                                 | .32  | Depth; rock frag-<br>ments; available<br>water capacity   |
| Cheadle           | 19  | Gently slop-<br>ing-very<br>steep         | Shallow   | Well<br>drained                         | Stony<br>loam                    | Very flag-<br>gy loam<br>over sand-<br>stone                | Moderate                                 | Very low                       | Slow-<br>rapid                   | Slight<br>-high                        | Moderate<br>(5)  | C                                 | .32  | Depth; rock frag-<br>ments; available<br>water capacity   |
| Cherry            | 10  | Nearly level<br>-strongly<br>sloping      | Deep  | Well<br>drained                         | Silty<br>clay<br>loam            | Silty clay<br>loam  | Moderately<br>slow                       | High                           | Slow-<br>medium                  | Slight<br>-high                        | Slight (7)   | C                                 | .37  | Permeability; high<br>compaction suscep-<br>tibility  |
| Chinook           | 8   | Nearly level<br>-strongly<br>sloping      | Deep  | Well<br>drained                         | Fine<br>sandy<br>loam            | Fine sandy<br>loam  | Moderately<br>rapid                      | High                           | Slow-<br>medium                  | Slight<br>-and-<br>erate               | Severe (3)   | B                                 | .20  | Wind erosion<br>hazard  |
| Cowood            | 15  | Moderately<br>steep-very<br>steep         | Shallow   | Well<br>drained                         | Gravelly<br>loam                 | Very gravelly<br>loam<br>over<br>bedrock                    | Moderate                                 | Very low                       | Medium                           | Moder-<br>ately<br>high                | Non-ero-<br>sive (8)   | C                                 | .32  | Depth; rock frag-<br>ments; available<br>water capacity   |
| Cosberg           | 8   | Nearly level<br>-gently<br>sloping        | Deep  | Well<br>drained                         | Fine<br>sandy<br>loam            | Fine<br>sandy<br>loam                                       | Moderately<br>rapid                      | Moder-<br>ately                | Slow                             | Slight                                 | Severe (3)   | B                                 | .20  | Wind erosion<br>hazard  |
| Creed             | 11  | Nearly level<br>-moderately<br>sloping    | Deep  | Well<br>drained                         | Loam                             | Clay  | Slow                                     | High                           | Slow-<br>rapid                   | Slight<br>-high                        | Moderate<br>(6)  | D                                 | .43  | Texture; permeabil-<br>ity; high compaction<br>susceptibility                                     |
| Dast              | 5   | Gently slop-<br>ing-moder-<br>ately steep | Moderately<br>deep  | Well<br>drained                         | Fine<br>sandy<br>loam            | Fine sandy<br>loam<br>over<br>sandstone                     | Moderately<br>rapid                      | Low                            | Slow-<br>medium                  | Slight<br>-high                        | Severe (3)   | C                                 | .20  | Depth; wind<br>erosion hazard   |
| Dalpoint          | 5   | Gently slop-<br>ing-moder-<br>ately steep | Moderately<br>deep  | Well<br>drained                         | Loam                             | Loam<br>over<br>bedrock                                     | Moderately<br>slow                       | Moder-<br>ately                | Slow-<br>medium                  | Moder-<br>ately<br>high                | Severe (4L)  | C                                 | .37  | Depth; permeability;<br>moderate compaction<br>susceptibility                                     |
| Dilts             | 3   | Moderately<br>sloping-<br>very steep      | Shallow   | Well<br>drained                         | Clay or<br>silty<br>clay         | Clay over<br>acid<br>shale                                  | Slow                                     | Very<br>low                    | Medium<br>-very<br>rapid         | Moder-<br>ately<br>high                | Severe (4)   | D                                 | .43  | Depth; texture;<br>permeability; high<br>compaction<br>susceptibility                             |
| Dimmick           | 7   | Nearly level                              | Deep  | Very<br>poorly<br>drained               | Clay                             | Clay  | Very slow                                | High                           | Slow                             | Slight                                 | Non-ero-<br>sive (8)   | D                                 | .28  | Drainage; texture;<br>permeability; high<br>compaction<br>susceptibility                          |
| Dimyau            | 4   | Gently<br>sloping-<br>steep               | Shallow   | Well<br>drained                         | Silty<br>clay                    | Silty clay<br>over shale                                    | Slow                                     | Low                            | Medium<br>-rapid                 | Moder-<br>ately<br>high                | Severe (4L)  | C                                 | .37  | Depth; texture;<br>permeability; high<br>compaction<br>susceptibility                             |
| Doney             | 5   | Moderately<br>sloping-<br>steep           | Moderately<br>deep  | Well<br>drained                         | Loam                             | Loam over<br>interbed-<br>ded silt-<br>stone &<br>sandstone | Moderate                                 | Moder-<br>ately                | Medium<br>-rapid                 | Moder-<br>ately<br>high                | Severe (4L)  | C                                 | .37  | Depth; water erosion<br>hazard; moderate<br>compaction<br>susceptibility                          |
| Dooley            | 1   | Nearly level<br>-strongly<br>sloping      | Deep  | Well<br>drained                         | Fine<br>sandy<br>loam            | Sandy clay<br>loam<br>over<br>clay loam                     | Moderately<br>slow                       | High                           | Slow-<br>medium                  | Slight<br>-mod-<br>erate               | Severe (3)   | A                                 | .24  | Texture; wind<br>erosion hazard   |
| Elloam            | 2   | Nearly level<br>-strongly<br>sloping      | Deep  | Well<br>drained                         | Clay<br>loam                     | Clay-clay<br>loam   | Very<br>slow                             | High                           | Slow-<br>rapid                   | Slight<br>-high                        | Moderate<br>(6)  | D                                 | .49  | Texture; permeabil-<br>ity; high compac-<br>tion susceptibility                                   |
| Elve              | 15  | Moderately<br>steep-very<br>steep         | Deep  | Somewhat<br>exces-<br>sively<br>drained | Very<br>cobbly<br>loam           | Extremely<br>cobbly<br>sandy<br>loam                        | Moderately<br>rapid                      | Low                            | Medium<br>-rapid                 | High                                   | Non-ero-<br>sive (8)   | B                                 | .20  | Rock fragments;<br>available water<br>capacity  |
| Ernem             | 5   | Nearly level<br>-strongly<br>sloping      | Shallow   | Well<br>drained                         | Very<br>stony<br>loam            | Very stony<br>clay loam<br>over<br>sandstone                | Moderately<br>slow                       | Very<br>low                    | Slow-<br>rapid                   | Slight<br>-high                        | Non-ero-<br>sive (8)   | C                                 | .32  | Depth; rock frag-<br>ments; available<br>water capacity;<br>moderate compaction<br>susceptibility |
| Ethridge          | 10  | Nearly level<br>-strongly<br>sloping      | Deep  | Well<br>drained                         | Silty<br>clay<br>loam            | Silty clay<br>-silty<br>clay loam                           | Moderately<br>slow                       | High                           | Slow-<br>rapid                   | Slight<br>-high                        | Slight (7)   | C                                 | .32  | Permeability; high<br>compaction<br>susceptibility  |

## APPENDIX 3.1: CONTINUED

| 1<br>Soil<br>Name   | 2<br>Geo-<br>morphic<br>Soil<br>Sub-<br>group | 3<br>Range in<br>Slope<br>Classes | 4<br>Soil<br>Depth<br>Favor-<br>able to<br>Plant<br>Roots | 5<br>Natural<br>Drainage<br>Class      | 6<br>Surface<br>Layer                                       | 7<br>Subsoil or<br>Underlying<br>Material | 8<br>Perme-<br>ability of<br>Most Re-<br>strictive<br>Layer | 9<br>Avail-<br>able Water<br>Capacity | 10<br>Surface<br>Water<br>Runoff | 11<br>EROSION<br>SUSCEPTIBILITY<br>Water<br>Wind<br>Brosse<br>Soil<br>Erodibil-<br>ity Group<br>(WEG) | 12<br>Hydro-<br>logic<br>Soil<br>Group | 13<br>Soil Loss<br>Equation<br>Factor<br>(Surface<br>Layer) | 14<br>Restrictive<br>Soil Factors   |
|---------------------|---|-----------------------------------|---|--|---|---|---|---------------------------------------|----------------------------------|---|--|---|---|
| Evanson             | 9<br>Gently sloping-strongly<br>sloping       | Deep                              | Well<br>drained   | Loam                                   | Clay loam   | Moderate                                  | High  | Slow-medium                           | Slight<br>-high                  | Moderate<br>(6)   | B                                      | .37   | Moderate compaction<br>susceptibility   |
| Farland             | 9<br>Nearly level<br>-moderately<br>sloping   | Deep                              | Well<br>drained   | Silt<br>loam                           | Silty clay<br>loam  | Moder-<br>ate                             | High  | Slow-medium                           | Slight<br>-mod-<br>erate         | Moderate<br>(6)   | B                                      | .32   | Moderate compaction<br>susceptibility   |
| Farmnf <sup>1</sup> | 9<br>Nearly level<br>-moderately<br>sloping   | Deep                              | Well<br>drained   | Loam                                   | Clay loam   | Moder-<br>ate                             | High  | Slow-medium                           | Slight<br>-mod-<br>erate         | Moderate<br>(6)   | B                                      | .32   | Moderate compaction<br>susceptibility   |
| Floweree            | 9<br>Nearly level<br>-moderately<br>sloping   | Deep                              | Well<br>drained   | Silt<br>loam                           | Silty clay<br>loam  | Moder-<br>ately<br>slow                   | High  | Slow-medium                           | Slight<br>-mod-<br>erate         | Moderate<br>(6)   | B                                      | .37   | Permeability; mod-<br>erate compaction<br>susceptibility                                      |
| Gashler             | 15<br>Moderately<br>steep-very<br>steep       | Deep                              | Well<br>drained   | Gravelly<br>loam                       | Gravelly &<br>very cobbly<br>clay loam                      | Moder-<br>ately<br>rapid                  | Low   | Medium                                | Moder-<br>ately<br>erosive (8)   | Non-ero-<br>sive (8)  | A                                      | .28   | Rock fragments;<br>available water<br>capacity  |
| Gerdrum             | 11<br>Nearly level<br>-moderately<br>sloping  | Deep                              | Well<br>drained   | Clay<br>loam                           | Clay  | Very<br>slow                              | High  | Slow-medium                           | Slight<br>-mod-<br>erate         | Moderate<br>(6)   | D                                      | .43   | Clayey texture;<br>permeability;<br>high compaction<br>susceptibility                         |
| Gess                | 6<br>Nearly level                             | Deep                              | Somewhat<br>poorly<br>drained                             | Silty<br>clay                          | Silty clay<br>loam  | Very<br>slow                              | High  | Slow                                  | Slight<br>Severe (4)             | Severe (4)  | D                                      | .37   | Drainage; perme-<br>ability; sodic soil;<br>high compaction<br>susceptibility                 |
| Glendive            | 6<br>17<br>Nearly level<br>-undulating        | Deep                              | Well<br>drained   | Fine<br>sandy<br>loam<br>loam          | Fine sandy<br>loam-sandy<br>loam                            | Moder-<br>ately<br>rapid                  | Moderate  | Slow                                  | Slight<br>Severe (3)             | Severe (3)  | B                                      | .24   | Wind erosion<br>hazard  |
| Grsil               | 10<br>Nearly level<br>-gently<br>sloping      | Deep                              | Well<br>drained   | Silt<br>loam                           | Silty clay<br>loam-silty<br>clay                            | Moder-<br>ately<br>slow                   | High  | Slow-medium                           | Slight<br>-mod-<br>erate         | Moderate<br>(6)   | C                                      | .37   | Permeability; mod-<br>erate compaction<br>susceptibility                                      |
| Hamly               | 6<br>Nearly level<br>-undulating              | Deep                              | Somewhat<br>exces-<br>sively<br>drained                   | Loamy<br>fine<br>sand                  | Loamy sand<br>loam  | Rapid                                     | Low   | Very<br>slow                          | Slight<br>Very<br>severe (2)     | Severe (2)  | A                                      | .17   | Permeability;<br>available water<br>capacity; wind<br>erosion hazard                          |
| Harlan              | 6<br>Nearly level                             | Deep                              | Well<br>drained   | Silty<br>clay<br>loam<br>silty<br>clay | Silty clay<br>loam-silty<br>clay-silt<br>loam<br>stratified | Slow                                      | High  | Slow                                  | Slight<br>Severe (4L)            | Severe (4L)   | C                                      | .37   | Permeability; wind<br>erosion hazard;<br>high compaction<br>susceptibility                    |
| Havre               | 6<br>17<br>Nearly level                       | Deep                              | Well<br>drained   | Clay<br>loam<br>loam                   | Loam-clay<br>loam-fine<br>sandy loam<br>stratified          | Moder-<br>ate                             | High  | Slow                                  | Slight<br>Severe (4L)            | Severe (4L)   | B                                      | .28   | Wind erosion<br>hazard; moderate<br>compaction<br>susceptibility                              |
| Havrelon            | 6<br>17<br>Nearly level                       | Deep                              | Well<br>drained   | Loam-silt<br>loam                      | Loam-silty<br>clay loam<br>fine sandy<br>loam<br>stratified | Moder-<br>ate                             | High  | Slow                                  | Slight<br>Severe (4L)            | Severe (4L)   | B                                      | .28   | Wind erosion<br>hazard; moderate<br>compaction<br>susceptibility                              |
| Hawksell            | 8<br>Nearly level<br>-steep                   | Deep                              | Well<br>drained   | Fine<br>sandy<br>loam                  | Fine sandy<br>loam-sandy<br>loam                            | Moder-<br>ately<br>rapid                  | Moderate  | Slow                                  | Slight<br>Severe (3)             | Severe (3)  | A                                      | .20   | Wind erosion<br>hazard  |
| Hedoes              | 18<br>Gently slop-<br>ing-steep               | Deep                              | Well<br>drained   | Loam                                   | Loam-sandy<br>loam  | Moder-<br>ate                             | High  | Slow-medium                           | Slight<br>-high                  | Moderate<br>(5)   | B                                      | .32   | Slope; moderate<br>compaction<br>susceptibility   |
| Hilton              | 1<br>Gently slop-<br>ing-steep                | Deep                              | Well<br>drained   | Loam                                   | Loam-clay<br>loam   | Moder-<br>ately<br>slow                   | High  | Slow-rapid                            | Slight<br>-high                  | Severe (4L)   | C                                      | .32   | Slope; wind ero-<br>sion hazard;<br>moderate<br>compaction<br>susceptibility                  |
| Judith              | 9<br>Nearly level<br>-moderately<br>sloping   | Deep                              | Well<br>drained   | Loam-gre-<br>velly<br>loam             | Clay loam<br>extremely<br>grevelly<br>sandy loam            | Moder-<br>ate                             | Low   | Slow-medium                           | Slight<br>-mod-<br>erate         | Severe (4L)   | B                                      | .32   | Available water<br>capacity; wind<br>erosion hazard;<br>moderate compaction<br>susceptibility |
| Joplin              | 1<br>Nearly level<br>-strongly<br>sloping     | Deep                              | Well<br>drained   | Loam                                   | Loam-clay<br>loam   | Moder-<br>ate                             | High  | Slow-medium                           | Slight<br>-mod-<br>erate         | Moderate<br>(6)   | C                                      | .37   | Moderate<br>compaction<br>susceptibility  |

APPENDIX 3.1: CONTINUED

| Soil Name | 1<br>Geo-morphic Soil Sub-group | 2<br>Range in Slope Classes     | 3<br>Soil Depth Preferable to Plant Roots | 4<br>Natural Drainage Class | 5<br>TEXTURE                         | 6<br>Surface Layer                                    | 7<br>Subsoil or Underlying Material | 8<br>Permeability of Most Restrictive Layer | 9<br>EROSION SUSCEPTIBILITY Water Erosion Erodibility Rating (WEC) | 10<br>Soil Group             | 11<br>Hydrologic Soil Group | 12<br>Soil Loss Equation "K" Factor (Surface Layer) | 13<br>Restrictive Soil Factors  |
|-----------|---------------------------------|---------------------------------|---|-----------------------------|--------------------------------------|---|-------------------------------------|---|--|------------------------------|-----------------------------|---|---|
| Julin     | 3                               | Gently sloping-moderately steep | Moderately deep                           | Well drained                | Silty clay-clay                      | Silty clay "clay over shale"                          | Slow                                | Low   | Medium-rapid   | Moderately high              | C                           | .37   | Texture; permeability; water and wind erosion hazard; high compaction susceptibility        |
| Kevin     | 1                               | Nearly level-strongly sloping   | Deep                                      | Well drained                | Loam                                 | Clay loam-loam  | Moderately slow                     | High  | Slow-medium  | Slight moderate (5)-moderate | C                           | .32   | Permeability; moderate compaction susceptibility  |
| Kiwanis   | 6                               | Nearly level-undulating         | Deep                                      | Well drained                | Loam                                 | Fine sandy loam-coarse sand                           | Moderately rapid                    | Low   | Slow   | Slight moderate (3)          | A                           | .32   | Texture; available water capacity; high compaction susceptibility                           |
| Kobar     | 10                              | Nearly level-moderately sloping | Deep                                      | Well drained                | Silty clay loam                      | Silty clay loam                                       | Moderately slow                     | High  | Slow-medium  | Slight severe (4L)-moderate  | C                           | .32   | Permeability; wind erosion hazard; high compaction susceptibility                           |
| Korcheta  | 6                               | Nearly level                    | Deep                                      | Well drained                | Loam-silt loam                       | Loam-silt loam-fine sandy loam                        | Moderately                          | High  | Slow   | Slight severe (4L)           | B                           | .32   | Wind erosion hazard; moderate compaction susceptibility                                     |
| Korent    | 6                               | Nearly level                    | Deep                                      | Well drained                | Loam-silt loam                       | Loam-silt loam-fine sandy loam stratified             | Moderately                          | High  | Slow   | Slight severe (4L)           | B                           | .32   | Wind erosion hazard; moderate compaction susceptibility                                     |
| Kremlin   | 9                               | Nearly level-moderately sloping | Deep                                      | Well drained                | Loam                                 | Loam-clay loam  | Moderately                          | High  | Slow-medium  | Slight moderate (5)-moderate | B                           | .37   | Moderate compaction susceptibility  |
| Lallie    | 6                               | Nearly level                    | Deep                                      | Poorly drained              | Silty clay loam-silty clay           | Silty clay  | Slow                                | High  | Slow   | Slight non-erosive (8)       | D                           | .37   | Drainage; texture; permeability; strongly alkaline; high compaction susceptibility          |
| Lambeth   | 9                               | Nearly level-steep              | Deep                                      | Well drained                | Silt loam                            | Silt loam-silty clay loam                             | Moderately slow                     | High  | Slow-very rapid  | Slight severe (4L)-high      | C                           | .43   | Slope; permeability; high water and wind erosion hazard; moderate compaction susceptibility |
| Lardell   | 6                               | Nearly level-gently sloping     | Deep                                      | Somewhat poorly drained     | Silty clay loam-loam                 | Silty clay loam-loam                                  | Slow                                | High  | Slow   | Slight moderate (7)          | C                           | .37   | Drainage; permeability; sodic soil; high compaction susceptibility                          |
| Lawther   | 10                              | Nearly level-moderately sloping | Deep                                      | Well drained                | Silty clay                           | Silty clay  | Slow                                | High  | Slow-medium  | Slight severe (4)-moderate   | D                           | .43   | Texture; permeability; wind erosion hazard; high compaction susceptibility                  |
| Libeg     | 19                              | Gently sloping-very steep       | Deep                                      | Well drained                | Extremely stony loam                 | Very changeable sandy clay loam very stony sandy loam | Moderately                          | Low   | Slow-medium  | Slight non-erosive (8)       | A                           | .28   | Rock fragments; available water capacity  |
| Lihem     | 8                               | Nearly level-gently rolling     | Deep                                      | Well drained                | Loamy fine sand-sand fine sandy loam | Loamy fine sand-sandy loam                            | Rapid                               | Moderately                                  | Slow   | Slight very severe (2)       | A                           | .20   | Wind erosion hazard   |
| Linnet    | 10                              | Nearly level-moderately sloping | Deep                                      | Well drained                | Silty clay loam                      | Silty clay  | Slow                                | High  | Slow-medium  | Slight moderate (7)          | D                           | .43   | Permeability; high compaction susceptibility  |
| Lisem     | 4                               | Gently sloping-very steep       | Shallow                                   | Well drained                | Clay                                 | Clay over shale                                       | Very slow                           | Very low                                    | Medium-very rapid  | Moderately high              | D                           | .43   | Depth; texture; permeability; available water capacity; high compaction susceptibility      |
| Lohler    | 6                               | Nearly level                    | Deep                                      | Somewhat poorly drained     | Silty clay-silty clay loam           | Silty clay  | Slow                                | High  | Slow   | Slight non-erosive (8)       | C                           | .37   | Drainage; permeability; high compaction susceptibility                                      |

## APPENDIX 3.1: CONTINUED

| Soil Name  | 1<br>Geo-<br>morphic<br>Soil<br>Sub-<br>group | 2<br>Range in<br>Slope<br>Classes      | 3<br>Soil Depth<br>Favorable<br>to Plant<br>Roots | 4<br>Natural<br>Drainage<br>Class           | 5<br>TEXTURE<br>Surface<br>Layer     | 6<br>Perme-<br>ability of<br>Most Re-<br>strictive<br>Layer | 7<br>Avail-<br>able<br>Water<br>Capacity | 8<br>Surface<br>Water<br>Runoff | 9<br>EROSION<br>SUSCEPTIBILITY<br>Water<br>Erosion Erodibil-<br>ity Rating<br>(WEG) | 10<br>11<br>Hydro-<br>logic<br>Soil<br>Group | 12<br>Soil Loss<br>Equation<br>Factor<br>(Surface<br>Layer) | 13<br>Restrictive<br>Soil Factors |  |
|------------|---|--|---|---|--------------------------------------|---|--|---------------------------------|---|--|---|-----------------------------------|--|
|            |   |  |   |   |                                      |   |  |                                 |   |  |   |                                   |  |
| Lolo       | 15<br>18                                      | Nearly level<br>-gently<br>sloping     | Deep  | Well<br>drained                             | Gravelly<br>loam                     | Very<br>gravelly<br>loam                                    | Moder-<br>ately<br>rapid                 | Low                             | Slow  | Slight<br>(3)                                | Moderate<br>(5)   | A .24                             | Rock fragments;<br>available water<br>capacity   |
| Lonna      | 5   | Nearly level<br>-moderately<br>steep   | Deep  | Well<br>drained                             | Silt<br>loam                         | Silt<br>loam  | Moder-<br>ately<br>slow                  | High                            | Slow-<br>rapid  | Slight<br>-high<br>(6)                       | Moderate<br>(6)   | B .37                             | Moderate<br>compaction<br>susceptibility   |
| Lothair    | 10  | Nearly level<br>-very steep            | Deep  | Well<br>drained                             | Silty<br>clay<br>loam                | Silty clay<br>loam=silty<br>clay                            | Slow                                     | High                            | Slow-<br>very<br>rapid  | Slight<br>-high<br>(4L)                      | Severe<br>(4L)  | C .32                             | Permeability; water<br>and wind erosion<br>hazard; high compac-<br>tion susceptibility               |
| Macar      | 9   | Moderately<br>sloping-<br>steep        | Deep  | Well<br>drained                             | Clay<br>loam                         | Clay loam-<br>silt<br>loam                                  | Moder-<br>ately<br>slow                  | High                            | Medium-<br>rapid  | Moder-<br>ately<br>high<br>(6)               | Moderate<br>(6)   | B .32                             | Slope; water erosion<br>hazard; moderate<br>compaction<br>susceptibility                             |
| Macneal    | 15  | Moderately<br>steep-<br>very<br>steep  | Deep  | Well<br>drained                             | Gravelly<br>loam-<br>chamney<br>loam | Extremely<br>chamney<br>clay loam                           | Moder-<br>ately<br>slow                  | Low                             | Medium-<br>rapid  | Moder-<br>ately<br>high<br>(6)               | Non-ero-<br>sive (6)  | B .28                             | Rock fragments;<br>available water<br>capacity; moderate<br>compaction<br>susceptibility             |
| Marmarth   | 5   | Nearly level<br>-strongly<br>sloping   | Moder-<br>ately<br>deep                           | Well<br>drained                             | Loam                                 | Clay loam-<br>town over<br>bedrock                          | Moder-<br>ately<br>slow                  | Low                             | Slow-<br>medium   | Slight<br>-high<br>(6)                       | Moderate<br>(6)   | B .32                             | Depth; available<br>water capacity;<br>moderate compac-<br>tion susceptibility                       |
| Marias     | 10  | Nearly level<br>-moderately<br>sloping | Deep  | Well<br>drained                             | Clay-<br>silty<br>clay               | Clay-silty<br>clay  | Slow                                     | High                            | Slow-<br>medium   | Slight<br>-mod-<br>erate<br>(4)              | Severe<br>(4)   | D .37                             | Texture; permeabil-<br>ity; wind erosion<br>hazard; high compac-<br>tion susceptibility              |
| Martindale | 9   | Nearly level<br>-strongly<br>sloping   | Deep  | Well<br>drained                             | Gravelly<br>loam-<br>loam            | Sandy clay<br>loam=loam                                     | Moder-<br>ately<br>slow                  | High                            | Slow-<br>medium   | Slight<br>-mod-<br>erate<br>(3)              | Moderate<br>(3)   | B .32                             | Moderate compaction<br>susceptibility  |
| Marvan     | 10  | Nearly level<br>-moderately<br>sloping | Deep  | Well<br>drained                             | Silty<br>clay-<br>clay               | Silty clay-<br>clay   | Very<br>slow                             | High                            | Slow-<br>rapid  | Slight<br>-high<br>(4)                       | Severe<br>(4)   | D .37                             | Texture; permeabil-<br>ity; wind and<br>water erosion<br>hazard; high compac-<br>tion susceptibility |
| McKenzie   | 7   | Nearly level                           | Deep  | Poorly<br>drained                           | Clay                                 | Clay  | Very<br>slow                             | High                            | Slow  | Slight<br>(8)                                | Non-ero-<br>sive (8)  | D .28                             | Drainage; texture;<br>permeability;<br>high compaction<br>susceptibility                             |
| Neldore    | 4   | Moderately<br>sloping-<br>very steep   | Shallow   | Well<br>drained                             | Clay                                 | Clay over<br>acid shale                                     | Slow                                     | Very<br>low                     | Medium-<br>very<br>rapid  | Moder-<br>ately<br>high<br>(4)               | Severe<br>(4)   | D .43                             | Depth; high com-<br>paction suscepti-<br>bility; texture;<br>permeability                            |
| Nesda      | 6<br>17                                       | Nearly level<br>-undulating            | Deep  | Well<br>drained                             | Gravelly<br>loam-<br>loam            | Very<br>gravelly<br>loamy sand                              | Rapid                                    | Very<br>low                     | Slow  | Slight<br>(3)                                | Moderate<br>(3)   | A .32                             | Texture; rock<br>fragments; avail-<br>able water capacity  |
| Nishon     | 7   | Nearly level                           | Deep  | Somewhat<br>poorly-<br>poorly<br>drained    | Clay<br>loam-<br>loam                | Clay  | Very<br>slow                             | High                            | Slow  | Slight<br>(8)                                | Non-ero-<br>sive (8)  | D .28                             | Drainage; texture;<br>permeability; high<br>compaction<br>susceptibility                             |
| Nobe       | 12<br>13                                      | Nearly level<br>-moderately<br>steep   | Deep  | Moder-<br>ately<br>well<br>-well<br>drained | Vesicu-<br>lar crust<br>over<br>clay | Clay  | Very<br>slow                             | High                            | Slow-<br>rapid  | Slight<br>-high<br>(4)                       | Severe<br>(4)   | D .43                             | Texture; permeabil-<br>ity; salty & alkaline<br>soils; high compac-<br>tion susceptibility           |
| Norbert    | 4   | Moderately<br>sloping-<br>very steep   | Shallow   | Well<br>drained                             | Clay                                 | Clay over<br>shale  | Very<br>slow                             | Very<br>low                     | Medium-<br>vary<br>rapid  | Moder-<br>ately<br>high<br>(4)               | Severe<br>(4)   | D .37                             | Depth; texture;<br>permeability; avail-<br>able water capacity;<br>high compaction<br>susceptibility |
| Parshall   | 8   | Nearly level<br>-moderately<br>sloping | Deep  | Well<br>drained                             | Fine<br>sandy<br>loam                | Fine sandy<br>loam  | Moder-<br>ately<br>rapid                 | High                            | Slow  | Slight<br>-mod-<br>erate<br>(3)              | Severe<br>(3)   | B .20                             | Wind erosion<br>hazard   |
| Pendroy    | 10  | Nearly level<br>-strongly<br>sloping   | Deep  | Well<br>drained                             | Clay                                 | Clay  | Very<br>slow                             | High                            | Slow-<br>rapid  | Slight<br>-high<br>(4)                       | Severe<br>(4)   | D .37                             | Texture; permeabil-<br>ity; wind erosion<br>hazard; high compac-<br>tion susceptibility              |
| Perma      | 19  | Gently<br>sloping-<br>very steep       | Deep  | Well<br>drained                             | Very<br>gravelly<br>loam             | Extremely<br>gravelly<br>sandy loam                         | Moder-<br>ately<br>slow                  | Low                             | Slow-<br>medium   | Slight<br>-high<br>(8)                       | Non-ero-<br>sive (8)  | A .32                             | Rock fragments;<br>available water<br>capacity   |

APPENDIX 3.1: CONTINUED

| Soil Name      | 1<br>Geo-morphic Soil Sub-group | 2<br>Range in Slope Classes      | 3<br>Soil Depth | 4<br>Natural Favor- able to Plant Roots | 5<br>Drainage Class              | TEXTURE<br>6<br>Surface Layer<br>Subsoil or<br>Underlying Material | 7<br>Permeability of Most Re-strictive Layer | 8<br>Avail-able Water Capacity | 9<br>EROSION SUSCEPTIBILITY<br>Surface Water Runoff<br>Wind Erosion Erodibil-ity Group (WEG) | 10<br>Hydro-logic Soil Group | 11<br>Soil Loss Equation Factor (Surface Layer) | 12<br>Restrictive Soil Factors | 13   |
|----------------|---------------------------------|----------------------------------|-----------------|---|----------------------------------|--|--|--------------------------------|--|------------------------------|---|--------------------------------|--|
| Phillips       | 1                               | Nearly level -moderately sloping | Deep            | Well drained                            | Loam                             | Clay-clay loam   | Very slow                                    | High                           | Slow-medium  | Slight Moderate (5)          | C   | .43                            | Subsoil texture; permeability; high compaction; soil susceptibility              |
| Redvale        | 9                               | Nearly level -gently sloping     | Deep            | Well drained                            | Loam                             | Clay loam over very gravelly loamy sand                            | Moderately slow                              | Moderate                       | Slow-medium  | Slight Moderate (6)          | C   | .37                            | Very gravelly underlying material; moderate compaction susceptibility            |
| Reeder         | 5                               | Nearly level -moderately sloping | Moderately deep | Well drained                            | Loam                             | Clay loam over bedrock   | Moderate                                     | Moderate                       | Slow-medium  | Slight Moderate (6)          | B   | .37                            | Depth; moderate compaction susceptibility  |
| Rentsac        | 5                               | Nearly level -steep              | Shallow         | Well drained                            | Cham-pany loam                   | Very cham-pany loam over sandstone                                 | Moderate                                     | Very low                       | Slow-rapid   | Slight Severe (4L)           | C   | .28                            | Depth; rock fragments; available water capacity                                  |
| Repp           | 15                              | Steep-very steep                 | Deep            | Well drained                            | Gravelly loam                    | Very gravelly loam   | Moderate                                     | Moderate                       | Medium-rapid   | High Non-erod-ative (8)      | A   | .24                            | Slope; rock fragments  |
| Rickey         | 10                              | Nearly level                     | Deep            | Well drained                            | Silty clay loam                  | Silty clay loam-silty clay   | Slow   | High                           | Slow   | Slight Severe (4L)           | C   | .37                            | permeability; wind erosion hazard; high compaction susceptibility                |
| Riedel         | 5                               | Moderately sloping-steep         | Moderately deep | Well drained                            | Fine sandy loam                  | Fine sandy loam over bedrock                                       | Moderate                                     | Low                            | Slow-medium  | Moderate-high                | B   | .26                            | Depth; available water capacity; water and wind erosion hazard                   |
| Rivra          | 6<br>17                         | Nearly level -undulating         | Deep            | Somewhat excessively drained            | Gravely sandy loam               | Very gravelly loamy sand   | Very rapid                                   | Very low                       | Slow   | Slight Severe (3)            | A   | .20                            | Drainage; rock fragments   |
| Savage         | 10                              | Nearly level -strongly sloping   | Deep            | Well drained                            | Silty clay loam                  | Silty clay-silty clay loam   | Slow   | High                           | Slow-rapid   | Slight (7)                   | C   | .32                            | Permeability; water erosion hazard on slopes; high compaction susceptibility     |
| Scobey         | 1                               | Nearly level -strongly sloping   | Deep            | Well drained                            | Loam-clay loam                   | Clay-clay loam   | Moderately slow                              | High                           | Slow-rapid   | Slight Moderate (6)          | C   | .32                            | Permeability; water erosion hazard on slopes; moderate compaction susceptibility |
| Shaaik         | 10                              | Nearly level -gently sloping     | Deep            | Well drained                            | Silt loam-clay loam              | Silty clay   | Slow   | High                           | Slow-medium  | Slight Moderate (6)          | D   | .37                            | Claypan; texture; permeability; high compaction susceptibility                   |
| Shawmut        | 9                               | Nearly level -strongly sloping   | Deep            | Well drained                            | Gravelly loam-loam               | Very gravelly clay loam-extremely gravelly loam                    | Moderate                                     | Low                            | Slow-medium  | Slight Moderate (5)          | B   | .32                            | Rock fragments; available water capacity; moderate compaction susceptibility     |
| Sickle-streets | 15                              | Moderately steep-very steep      | Deep            | Well drained                            | Silty clay loam-cobble clay loam | Cobble clay-cobble clay loam                                       | Moderately slow                              | High                           | Rapid-very rapid   | High Slight (7)              | C   | .28                            | Slope; permeability; water erosion hazard; moderate compaction susceptibility    |
| Silver-chief   | 15                              | Strongly sloping-very steep      | Deep            | Well drained                            | Loam                             | Gravelly clay-very gravelly clay loam                              | Moderately slow                              | High                           | Rapid-very rapid   | High Moderate (6)            | C   | .37                            | Slope; permeability; water erosion hazard; moderate compaction susceptibility    |
| Straw          | 9                               | Nearly level -moderately sloping | Deep            | Well drained                            | Loam-silt loam                   | Loam-silt loam   | Moderate                                     | High                           | Slow-medium  | Slight Moderate (6)          | B   | .28                            | Moderate compaction susceptibility   |
| Sunburst       | 1                               | Moderately sloping-steep         | Deep            | Well drained                            | Clay loam                        | Clay loam  | Slow   | High                           | Medium-very rapid  | Moderate-Severe (4L)         | C   | .37                            | Permeability; water and wind erosion hazard; moderate compaction susceptibility  |
| Tally          | 8                               | Nearly level -steep              | Deep            | Well drained                            | Fine sandy loam                  | Fine sandy loam-fine sand  | Moderately rapid                             | High                           | Slow-medium  | Slight Severe (3)            | B   | .20                            | Wind erosion hazard  |

## APPENDIX 3.1: CONTINUED

| Soil Name | 1<br>Geo-<br>morphi-<br>cally<br>similar<br>Soil<br>Sub-<br>group | 2<br>Range in<br>Slope<br>Classes | 3<br>Soil<br>Depth<br>Perme-<br>able to<br>Plant<br>Roots | 4<br>Natural<br>Drainage<br>Class                  | TEXTURE   |                                      | 7<br>Perme-<br>ability of<br>Most Re-<br>strictive<br>Layer | 8<br>Avail-<br>able<br>Water<br>Capacity | 9<br>Surface<br>Water<br>Runoff          | EROSION<br>SUSCEPTIBILITY                                   |     | 11<br>Hydro-<br>logic<br>Soil<br>Group   | 12<br>Soil Loss<br>Equation<br>Factor<br>(Surface<br>Layer) | 13<br>Restrictive<br>Soil Factors |
|-----------|---|-----------------------------------|---|--|---|--------------------------------------|---|--|--|---|-----|--|---|-----------------------------------|
|           |   |                                   |   |  | Surface<br>Layer                                  | Subsoil or<br>Underlying<br>Material |   |  |  | 10<br>Water Wind<br>Erosion Probabil-<br>ity Group<br>(WEC) |     |  |   |                                   |
| Tealiette | 2<br>11<br>Nearly level<br>-moderately<br>sloping                 | Deep                              | Well<br>drained   | Gravelly<br>loam-<br>vesicu-<br>lar crust-<br>clay | Clay-<br>clay loam                                | Very<br>slow                         | High  | Slow-<br>rapid                           | Slight Moderate<br>(5)<br>-mod-<br>erate | D   | .49 | Vesicular crust;<br>coarse; permeabil-<br>ity; soil under-<br>lying material;<br>high compaction<br>susceptibility |   |                                   |
| Teigen    | 3<br>Gently<br>sloping-<br>moderately<br>steep                    | Deep                              | Well<br>drained   | Silty<br>clay<br>loam                              | Silty clay<br>-clay loam                          | Slow                                 | High  | Medium<br>-rapid                         | Moder-<br>Severe (4)<br>-ste-<br>ep      | D   | .37 | Permeability; water<br>and wind erosion<br>hazard; high compac-<br>tion susceptibility                             |   |                                   |
| Telstad   | 1<br>Nearly level<br>-strongly<br>sloping                         | Deep                              | Well<br>drained   | Loam   | Loam-<br>clay loam                                | Moder-<br>ate                        | High  | Slow-<br>medium                          | Slight Moderate<br>(6)<br>-mod-<br>erate | B   | .32 | Moderate<br>compaction<br>susceptibility   |   |                                   |
| Thebo     | 4<br>Gently<br>sloping-<br>steep                                  | Moder-<br>ately<br>deep           | Well<br>drained   | Clay   | Clay over<br>shale                                | Very<br>slow                         | Moder-<br>ate   | Medium<br>-very<br>rapid                 | Moder-<br>Severe (4)<br>-ste-<br>ep      | D   | .37 | Depth; texture;<br>permeability; water<br>and wind erosion<br>hazard; high compac-<br>tion susceptibility          |   |                                   |
| Thoeny    | 2<br>Nearly level<br>-moderately<br>sloping                       | Deep                              | Well<br>drained   | Loam   | Clay  | Very<br>slow                         | High  | Slow-<br>medium                          | Slight Moderate<br>(5)<br>-mod-<br>erate | D   | .49 | Claypan; texture;<br>permeability; sodic<br>weathering material;<br>high compaction<br>susceptibility              |   |                                   |
| Tinsley   | 14<br>Moderately<br>sloping-<br>steep                             | Deep                              | Exces-<br>sively<br>drained                               | Gravelly<br>sandy<br>loam                          | Very<br>gravelly<br>sand                          | Rapid                                | Very<br>low   | Very<br>slow-<br>medium                  | Slight Non-ero-<br>-high<br>sive (8)     | A   | .17 | Rock fragments;<br>permeability; avail-<br>able water capacity   |   |                                   |
| Trapper   | 15<br>Moderately<br>steep-<br>steep                               | Deep                              | Well<br>drained   | Stony<br>loam                                      | Stony<br>loam                                     | Moder-<br>ate                        | High  | Medium<br>-rapid                         | Moder-<br>Moderate<br>(6)<br>-ste-<br>ep | B   | .32 | Slope;<br>rock fragments   |   |                                   |
| Trembles  | 6<br>17<br>Nearly level<br>-undulating                            | Deep                              | Well<br>drained   | Fine<br>sandy<br>loam                              | Fine sandy<br>loam-<br>loamy<br>fine sand         | Moder-<br>ately<br>rapid             | Moder-<br>ate   | Slow                                     | Slight Severe (3)                        | B   | .20 | Wind erosion<br>hazard   |   |                                   |
| Turner    | 9<br>Nearly level<br>-moderately<br>sloping                       | Deep                              | Well<br>drained   | Loam-<br>clay<br>loam                              | Sandy clay<br>loam-very<br>gravelly<br>loamy sand | Moder-<br>ate                        | Low   | Slow-<br>medium                          | Slight Moderate<br>(5)<br>-mod-<br>erate | B   | .24 | Available water<br>capacity; moderate<br>compaction<br>susceptibility  |   |                                   |
| Twilight  | 5<br>Gently<br>sloping-<br>moderately<br>steep                    | Moder-<br>ately<br>deep           | Well<br>drained   | Fine<br>sandy<br>loam                              | Fine sandy<br>loam over<br>bedrock                | Moder-<br>ately<br>rapid             | Low   | Slow-<br>medium                          | Slight Severe (3)<br>-high               | B   | .24 | Depth; available<br>water capacity; wind<br>erosion hazard   |   |                                   |
| Vaeda     | 13<br>Nearly level<br>-moderately<br>sloping                      | Deep                              | Well<br>drained   | Silty<br>clay-<br>clay                             | Silty<br>clay-clay                                | Very<br>slow                         | High  | Slow-<br>rapid                           | Slight Severe (4)<br>-high               | D   | .24 | Texture; vesicular<br>crust; permeability;<br>high compaction<br>susceptibility                                    |   |                                   |
| Vanda     | 13<br>Nearly level<br>-gently<br>sloping                          | Deep                              | Well<br>drained   | Clay-<br>silty<br>clay                             | Clay-<br>silty clay                               | Very<br>slow                         | High  | Slow-<br>rapid                           | Slight Severe (4)<br>-mod-<br>erate      | D   | .24 | Texture; vesicular<br>crust; permeability;<br>moderate salinity;<br>high compaction<br>susceptibility              |   |                                   |
| Vanstel   | 9<br>Nearly level<br>-moderately<br>sloping                       | Deep                              | Well<br>drained   | Loam-<br>silt<br>loam                              | Clay loam<br>and silt<br>loam                     | Moder-<br>ately<br>slow              | High  | Slow-<br>medium                          | Slight Moderate<br>(6)<br>-mod-<br>erate | B   | .37 | Permeability; mod-<br>erate compaction<br>susceptibility   |   |                                   |
| Vida      | 1<br>Gently<br>sloping-<br>moderately<br>steep                    | Deep                              | Well<br>drained   | Loam-<br>clay<br>loam                              | Clay loam<br>-loam                                | Moder-<br>ately<br>slow              | High  | Slow-<br>rapid                           | Slight Moderate<br>(6)<br>-high          | B   | .37 | Slope; moderate<br>compaction<br>susceptibility  |   |                                   |
| Wabek     | 14<br>Nearly level<br>-strongly<br>sloping                        | Deep                              | Exces-<br>sively<br>drained                               | Gravelly<br>sandy<br>loam                          | Extremely<br>gravelly<br>loamy sand               | Very<br>rapid                        | Very<br>low-<br>low   | Very<br>slow-<br>slow                    | Slight Severe (3)<br>-mod-<br>erate      | A   | .24 | Rock fragments;<br>available water<br>capacity   |   |                                   |
| Warneke   | 15<br>19<br>Moderately<br>steep-<br>very steep                    | Shallow                           | Well<br>drained   | Gravelly<br>loam                                   | Very<br>chamney<br>loam                           | Moder-<br>ate                        | Very<br>low   | Slow-<br>medium                          | Slight Severe (4L)<br>-high              | D   | .32 | Depth; rock frag-<br>ments; available<br>water capacity  |   |                                   |
| Weingart  | 4<br>Deeply<br>sloping-<br>strongly<br>sloping                    | Moder-<br>ately<br>deep           | Well<br>drained   | Clay<br>loam-<br>loam 1-4<br>inches<br>thick       | Clay over<br>shale                                | Very<br>low                          | Low   | Slow-<br>rapid                           | Moder-<br>Moderate<br>(6)<br>-ste-<br>ep | D   | .43 | Depth; permeability;<br>high compaction<br>susceptibility  |   |                                   |

## APPENDIX 3.1: CONTINUED

| 1<br>Soil<br>Name | 2<br>Geo-<br>morphic<br>Soil<br>Sub-<br>group | 3<br>Range in<br>Slope<br>Classes      | 4<br>Soil<br>Depth<br>Favor-<br>able to<br>Plant<br>Roots | 5<br>Natural<br>Drainage<br>Class       | TEXTURE<br>6                                | Subsoil or<br>Underlying<br>Material                             | 7<br>Perme-<br>ability of<br>Most Re-<br>strictive<br>Layer | 8<br>Avail-<br>able<br>Water<br>Capacity | 9<br>EROSION<br>SUSCEPTIBILITY | 10<br>Water<br>Erosion Suscep-<br>tibility Rating<br>(WES) | 11<br>Hydro-<br>logic<br>Soil<br>Group | 12<br>Soil Loss<br>Equation<br>"g" | 13<br>Restrictive<br>Soil Factors   |
|-------------------|---|--|---|---|---|--|---|--|--------------------------------|--|--|------------------------------------|---|
| Williams          | 1   | Nearly level<br>-steeply<br>sloping    | Deep  | Well<br>drained                         | Loam  | Clay loam<br>-loam   | Moder-<br>ately<br>slow                                     | High                                     | Slow-<br>medium                | Slight Moderate<br>-(6)<br>-moderate                       | B                                      | .32                                | Permeability;<br>moderate compaction<br>susceptibility                                    |
| Whitecow          | 15  | Moderately<br>steep-very<br>steep      | Deep  | Well<br>drained                         | Gravelly<br>loam-<br>cobbly<br>clay<br>loam | Very gravi-<br>lly loam<br>-moderately<br>gravelly<br>clay loam  | Moder-<br>ately<br>slow                                     | Moder-<br>ate                            | Medium-<br>rapid               | Moder-<br>ate-<br>Moderate<br>(6)<br>-high                 | A                                      | .28                                | Slope; rock frag-<br>ments; moderate<br>compaction<br>susceptibility                      |
| Whitmore          | 15  | Strongly<br>sloping-<br>very steep     | Deep  | Well<br>drained                         | Cobbly<br>loam-<br>cobbly<br>clay<br>loam   | Very<br>cobbly<br>clay loam<br>-extremely<br>cobbly<br>clay loam | Moder-<br>ately<br>slow                                     | Moder-<br>ate                            | Medium-<br>rapid               | Moder-<br>ate-<br>Moderate<br>(6)<br>-high                 | A                                      | .28                                | Slope; rock<br>fragments;<br>moderate<br>compaction<br>susceptibility                     |
| Windham           | 14  | Gently<br>sloping-<br>very steep       | Deep  | Well<br>drained                         | Very<br>gravelly<br>loam                    | Extremely<br>gravelly<br>loam                                    | Moder-<br>ately<br>slow                                     | Low                                      | Slow-<br>rapid                 | Slight Severe (4L)<br>-high                                | B                                      | .24                                | Slope; rock frag-<br>ments; available<br>water capacity                                   |
| Worke             | 9   | Nearly level<br>-moderately<br>sloping | Deep  | Well<br>drained                         | Clay<br>loam                                | Clay-<br>clay loam   | Moder-<br>ately<br>slow                                     | High                                     | Slow-<br>rapid                 | Slight Moderate<br>(5)<br>-high                            | C                                      | .32                                | Permeability;<br>water erosion<br>hazard; moderate<br>compaction<br>susceptibility        |
| Yanac             | 9   | Nearly level<br>-moderately<br>steep   | Deep  | Well<br>drained                         | Loam  | Loam-<br>gravelly<br>loam  | Moder-<br>ate   | High                                     | Slow-<br>rapid                 | Slight Moderate<br>(5)<br>-high                            | B                                      | .32                                | Slope; water erosion<br>hazard; moderate<br>compaction<br>susceptibility                  |
| Yawdin            | 4   | Gently<br>sloping-<br>very steep       | Shallow   | Well<br>drained                         | Silty<br>clay                               | Silty clay<br>over shale   | Slow  | Low                                      | Medium-<br>rapid               | Moder-<br>ate-<br>Severe (4L)<br>-high                     | D                                      | .37                                | Depth; texture;<br>permeability;<br>high compaction<br>susceptibility                     |
| Yetulli           | 8   | Nearly level<br>-moderately<br>steep   | Deep  | Somewhat<br>exces-<br>sively<br>drained | Loamy<br>sand                               | Sand and<br>loamy sand   | Rapid   | Low                                      | Very<br>slow-<br>slow          | Slight Very<br>-mod-<br>severe (2)<br>-moderate            | A                                      | .15                                | Permeability;<br>available water<br>capacity  |
| Zahill            | 1   | Gently<br>sloping-<br>steep            | Deep  | Well<br>drained                         | Loam  | Loam-<br>clay loam   | Moder-<br>ately<br>slow                                     | High                                     | Slow-<br>rapid                 | Moder-<br>ate-<br>Moderate<br>(5)<br>-high                 | C                                      | .32                                | Slope; permeability;<br>water erosion hazard<br>moderate compaction<br>susceptibility     |
| Zahl              | 1   | Gently<br>sloping-<br>steep            | Deep  | Well<br>drained                         | Loam  | Loam-<br>clay loam   | Moder-<br>ately<br>slow                                     | High                                     | Slow-<br>rapid                 | Moder-<br>ate-<br>Moderate<br>(6)<br>-high                 | C                                      | .32                                | Slope; permeability;<br>water erosion<br>hazard; moderate<br>compaction<br>susceptibility |

## APPENDIX 3.2: VEGETATION AND RANGE MANAGEMENT CHARACTERISTICS OF THE 19 SOIL SUBGROUPS

| Soil Subgroup and Soil Names   | Percent of Public Land | Percent of Vegetation Type                                  | Key Species   | Increasers  | Response to Grazing Management   | Suitability for Mechanical Treatments  | Other Suitable Land Treatments  | Other   |
|--|------------------------|---|---|---|--|--|---|---|
| 1. Loamy glacial till upland plains; series are Bearpaw, Dooley, Hillon, Joplin, Kevin, Phillips, Scobey, Sunburst, Tidstad, Vida, Williams, Zahl, Zastill   | 39.3                   | Grassland (short and midgrasses)                            | Western and thickspike wheatgrasses   | Needleandthread; blue grama, clubmoss, fringed sagewort                   | Slow, due to clubmoss and blue grama   | Well suited on slopes less than 12%  | Fertilization, prescribed burning; recommended on crested wheatgrass  | Local areas have 5 to 25% surface areas which influence suitability for mechanical treatments |
| 2. Claypan and dense clay glacial till uplands; series are Ellom, Teallette, Theory  | 20.4                   | Grassland-sagebrush; (short and midgrasses)                 | Western and thickspike wheatgrasses   | Blue grama, clubmoss, fringed sagewort, cactus, big sagebrush             | Very slow due to claypan in sub-surface; dense clay, clubmoss and blue grama   | Well suited on slopes less than 8%. Depth of treatment should be 6-10"                             | Same as above   | Local areas may have more than 25% of the surface area covered with stones.                   |
| 3. Clayey acid shale uplands; series are Dilts, Julin, Teigen  | 12.3                   | Grassland-sagebrush-juniper (midgrasses predominate)        | Prairie sand-needle; little bluestem, western and thickspike wheatgrasses           | Sagebrush, creeping juniper   | Responds quickly due to granular surface and high shrink-swell which provides seedbed  | Not suited   | --  | Severely erosive  |
| 4. Calcareous or bentonitic shale uplands; series are Abor, Bascoy, Dymne, Lisan, Norbert, Neldore, Thebo, Weingart, Yawdin  | 10                     | Grassland-sagebrush (midgrasses predominate)                | Western and thickspike wheatgrasses, green needle-grass                             | Big sagebrush   | Same as above  | Not suited   | --  | --  |
| 5. Loamy sedimentary lands; series are Cabot, Cabott, Cambert, Dast, Delpoint, Doney, Ermen, Lonna, Marmarth, Reeder, Rentzac, Riedel, Twilight  | 2.4                    | Grassland (short and midgrasses)                            | Western and thickspike wheatgrasses   | Blue grama, clubmoss, cactus, bluebunch wheatgrass, tus, fringed sagewort | Slow due to clubmoss and blue grama, except on Riedel, Twilight and Dast soils   | Cambert, Del-point, Doney, Lonna, Marmarth and Reeder soils are well suited on slopes less than 8% | Fertilization, prescribed burning (recommended on crested wheatgrass) | --  |
| 6. Loamy and clayey floodplains; series are Bowdoin, Cesa, Glendive, Hanly, Harlen, Hause, Havre, Kirtensis, Korchas, Korent, Lallie, Lardell, Lohler, Needs, Rives, Trembles, Typic Fluvents, Typic Ustifluvents, Aquic Ustifluvents, Fluvents, Ustic Mephobrals, Ustic Torrifluvents | 2.9                    | Grassland and grassable woodland                            | Western wheatgrass, green needle-grass, silver grass, sagebrush, willow, cottonwood | Silver sagebrush, wildrose, strawberry, blue grama, cactus, noxious weeds | Responds quickly due to granular surface and overflow and subirrigated moisture. Livestock concentrate in these areas for water, shade and rubbing | On-site determination needed due to erosion problems   | --  | --  |
| 7. Potholes and level basins subject to ponding; series are Dimick, McKenzie, Nishon   | .7                     | Riparian, grassland, midgrasses, sedges, rushes and willows | Willows, western wheatgrass, green needle-grass, sedges, and rushes                 | Foxtail barley, curled dock   | Similar to above   | Suited for pit retention reservoirs  | --  | --  |
| 8. Moderately coarse and coarse textured soils on terrace foot-slopes and fans; series are Assin-niboine, Blanchard, Busby, Chinook, Cozberg, Hawksell, Lihen, Parshall, Tally, Yetull   | .6                     | Grassland (midgrasses predominate)                          | Prairie sand-reed; little bluestem, plains muhly                                    | Needleandthread, sedges, green sagewort, yucca, blue grama                | Responds quickly   | Assin-niboine, Busby, Chinook, Cozberg, Parshall, Tally are suited on slopes less than 8%          | --  | Severe wind erosion hazard; life of mechanical treatments is less than on loamy soils         |

| Soil Subgroup and Soil Names   | Percent of Public Land | Vegetation Type                              | Key Species  | Increasers   | Response to Grazing Management   | Suitability for Mechanical Treatments  | Other Suitable Land Treatments   | Other   |
|--|------------------------|--|--|--|--|--|--|---|
| 9. Medium textured soils on terraces, footslopes and fans; series are Attewan, Bent, Bitter, Brocay, Evans, Evansland, Farnuf, Flawson, Judith, Kremlin, Lambeth, Macar, Martinsdale, Redvale, Shawmut, Straw, Turner, Vanstel, Work and Yamac | 1.9                    | Grassland and sagebrush                      | Western and thickspike wheatgrasses  | Needleandthread, blue grama, clubmoss, fringed sage-wort, cactus           | Slow, due to clubmoss and blue grama, and location near flood-plains   | Well suited on slopes less than 8% (except Kit-ton, which is too stony)                      | Fertilization, prescribed burning (recommended on grazed and created wheatgrass) | Bent soil is strongly alkalinized with gypsum and saltgrass as part of the vegetation |
| 10. Fine textured soils on terraces, footslopes and fans; series are Acel, Cherry, Ehr ridge, Grail, Kober, Lawther, Linnet, Lothair, Marias, Marvan, Pendroy, Richley, Savage, Shask  | 2.7                    | Grassland-sagebrush (midgrasses predominate) | Western and thickspike wheatgrasses, green needle-grass                                    | Big sagebrush  | Lawther, Marias, Marvan and Pendroy respond rapidly due to granular surface and high shrink-swell which provides a seedbed, other series are slow due to clubmoss and blue grama | All series except Lawther, Marias, Marvan and Pendroy are well suited on slopes less than 8% | Sagebrush control  | --  |
| 11. Claypan and dense clay soils on terraces, footslopes and fans; series are Creed, Gerdun, Tealette  | 1.4                    | Grassland-sagebrush (short and midgrasses)   | Western and thickspike wheatgrasses  | Big sagebrush, blue grama, clubmoss, cactus, wooly indiangrass             | Very slow due to claypan, dense clay, clubmoss and blue grama  | Well suited on slopes up to 8%; depth of treatment should be 6-10"                           | --   | --  |
| 12. Subirrigated and saline claypans on terraces and fans; series are Abeler, Adger and Nobe   | 1.6                    | Greasewood-grassland-sagebrush               | Nuttall, alkali grass, alkali sacaton, western wheatgrass, inland saltgrass                | Big sagebrush, foxtail barley, glasswort                                   | Moderate   | Not recommended due to economics   | --   | --  |
| 13. Very slowly permeable soils of terraces and fans, series are Vanda, Veda   | 3.1                    | Grassland-sagebrush                          | Western and thickspike wheatgrasses, green needle-grass, Nutall saltbush                   | Big sagebrush, cactus, sandberg bluegrass, foxtail barley                  | Extremely slow   | Not recommended due to economics and erosion hazards   | --   | --  |
| 14. Very gravelly, extremely gravelly and cobby soils on terraces and fans; series are Beaverville, Beaverstone, Timley, Wabek, Windham  | .3                     | Grassland                                    | Western and thickspike wheatgrass, plains muhly  | Needleandthread, sedges, silver sagebrush, cactus, rabbitbrush, blue grama | Slow due to low moisture storage capacity  | Not suited   | --   | --  |
| 15. Loamy and clayey soils in mountains with forest canopy; series are Arcette, Belain, Cowood, Elve, Gaud, Idaho, Macmill, Papp, Sicklesheets, Silverchief, Trapper, Warneke, Whitecow, Whitore   | .1                     | Coniferous woodland                          | Bluebunch wheatgrass, rough fescue, columbia needlegrass                                   | Idaho fescue   | Moderate   | Not suited   | --   | --  |
| 16. Clay shale uplands with forest canopy cover; series are Bas-cov, Dilts, Julian, Neldore  | *                      | Ponderosa pine grassland                     | Western and thickspike wheatgrasses, green needle-grass, prairie sandreed, little bluestem | Ponderosa pine, creeping juniper, big sagebrush                            | Rapid-refer to 3 and 4   | Not suited   | Prescribed burning and management of wildfire                                    | Severely erosive  |

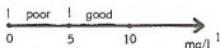
| Soil Subgroup and Soil Names   | Percent of Public Land | Vegetation Type     | Key Species   | Increases                                       | Response to Grazing Management | Suitability for Mechanical Treatments                            | Other Suitable Land Treatments | Other |
|--|------------------------|---------------------|---|---|--------------------------------|--|--------------------------------|-------|
| 17. Loamy and clayey floodplains with more than 10% canopy cover of deciduous trees; soils are the same as subgroup 6                  | *                      | Deciduous woodland  | Willows, cottonwood, western and thickspike wheatgrasses, green needlegrass | Noxious weeds, wildrose, snowberry, cactus      | Same as 6                      | Not suited   | —                              | —     |
| 18. Loamy and clayey soils on fans and foot-slopes of mountains and foothills; series are Belain, Hedges, Lolo                         | .1                     | Mountain grassland  | Bluebunch wheatgrass, rough fescue, Richardson needlegrass                  | Idaho fescue, big sagebrush, shrubby cinquefoil | Moderate                       | Belain, Hedges, and Lolo soils are suited on slopes less than 8% | —                              | —     |
| 19. Loamy and loamy-skeletal soils on bedrock ridges and on footslopes of mountains; series are Caster, Cheadle, Libeg, Parma, Warneke | .2                     | Coniferous woodland | Same as above   | Idaho fescue, arrowleaf balsamroot              | Slow                           | Not suited   | —                              | —     |

\* Subgroups 16 and 17 were not mapped out and acreages are not available; 16 is included in subgroups 3 and 4, 17 is included in subgroup 6 on the general soils map and Table 3.7.

### APPENDIX 3.3: WATER QUALITY STANDARDS

#### AQUATIC BIOTA

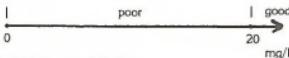
Dissolved Oxygen:



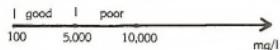
pH:



Alkalinity:



Total Dissolved Solids:

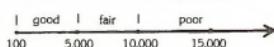


#### Livestock and Wildlife Use

Salts of Sodium and Calcium <sup>2</sup>:



Salts of Potassium and Magnesium <sup>2</sup>:



1 milligrams per litre

2 combined with bicarbonates, chlorides, sulfates

Source: *Quality Control for Water*, U.S. Environmental Protection Agency, Washington, D.C. 1976.

## APPENDIX 3.4: RANGE SITE DATA

| Soil Subgroup | Range Sites, Soil Name and Precip- itation Zone                               | Potential Production (Lbs/Ac, Dry Weight) |             |                  | Potential Native Plant Community Common Plant Name and Percent Composition by Weight |       | Livestock Grazing Response |     | Invader Plants          |
|---------------|---|---|-------------|------------------|--|-------|----------------------------|-----|-------------------------|
|               |   | Favorable Year                            | Normal Year | Unfavorable Year | Cattle   | Sheep |                            |     |                         |
|               | WET MEADOWS 10-14"  | 6000                                      | 5500        | 4000             |  |       |                            |     |                         |
| 7             | Dilmick   |   |             |                  | <u>Grasses and Grasslike</u>   |       |                            |     |                         |
| 6             | Typic Fluvents  |   |             |                  | Tall reedgrass   | 20-40 | D                          | I   | Kentucky bluegrass      |
| 6             | Harlem clay, wet  |   |             |                  | American sloughgrass   | 5-10  | D                          | I   | Redtop                  |
|               |   |   |             |                  | Northern mannagrass  | 0-5   | D                          | I   | Foxtail & meadow barley |
|               |   |   |             |                  | Prairie cordgrass  | 0-5   | D                          | I   | Thistle                 |
|               |   |   |             |                  | Tufted hairgrass   | 10-15 | I                          | I   | Weedy forbs             |
|               |   |   |             |                  | Bearded wheatgrass   | 5-10  | D                          | D   |                         |
|               |   |   |             |                  | Other sedges and rushes  | 10-20 | I                          | I   |                         |
|               |   |   |             |                  | Other perennial grasses  | 5-15  | I/D                        | I/D |                         |
|               |   |   |             |                  | <u>Forbs</u>   |       |                            |     |                         |
|               |   |   |             |                  | Goldenpea  |       | I                          | I   |                         |
|               |   |   |             |                  | Bogorchid  |       | ---                        | --- |                         |
|               |   |   |             |                  | Blue-eyed grass  | 5-10  | I                          | I   |                         |
|               |   |   |             |                  | Water parsnip  |       | I                          | I   |                         |
|               |   |   |             |                  | Waterhemlock   |       | I                          | I   |                         |
|               |   |   |             |                  | Other perennial forbs  |       | I                          | I   |                         |
|               |   |   |             |                  | <u>Woody Species</u>   |       |                            |     |                         |
|               |   |   |             |                  | Willow   |       | D                          | D   |                         |
|               |   |   |             |                  | Cottonwood   | 10-20 | ---                        | --- |                         |
|               |   |   |             |                  | <u>Grasses and Grasslike</u>   |       |                            |     |                         |
| 6             | Farml, wet  | 5000                                      | 4000        | 3000             | Prairie cordgrass  | 10-30 | D                          | I   | Kentucky bluegrasses    |
| 6             | Harlem, wet   |   |             |                  | Big bluestem   | 5-10  | D                          | D   | Redtop                  |
| 5             | Parshall, wet   |   |             |                  | Western wheatgrass   | 10-20 | I                          | I   | Foxtail & meadow barley |
| 6             | Turner, wet   |   |             |                  | Reedgrasses  | 5-15  | D                          | I   | Houndstongue            |
| 6             | Fluquentic Haploborrells  |   |             |                  | Tufted hairgrass   | 5-15  | I                          | I   | Leafy Spurge            |
|               |   |   |             |                  | Mat sedge  | 5-15  | I                          | I   | Thistle                 |
|               |   |   |             |                  | Slender wheatgrass   | 5-15  | D                          | I   | Other weedy forbs       |
|               |   |   |             |                  | Other perennial grasses  | 0-15  | I/D                        | I/D |                         |
|               |   |   |             |                  | Sedges and rushes  | 5-15  | I/D                        | I/D |                         |
|               |   |   |             |                  | <u>Forbs</u>   |       |                            |     |                         |
|               |   |   |             |                  | Perennial sunflower  |       | D                          | D   |                         |
|               |   |   |             |                  | Rocky Mountain gayfeather  |       | D                          | D   |                         |
|               |   |   |             |                  | American catch   |       | D                          | D   |                         |
|               |   |   |             |                  | Blue-eyed grass  | 0-5   | D                          | D   |                         |
|               |   |   |             |                  | Goldenpea  |       | D                          | D   |                         |
|               |   |   |             |                  | Cinquefoil spp.  |       | D                          | D   |                         |
|               |   |   |             |                  | <u>Woody Species</u>   |       |                            |     |                         |
|               |   |   |             |                  | Willow   |       | D                          | D   |                         |
|               |   |   |             |                  | Chokecherry  |       | D                          | D   |                         |
|               |   |   |             |                  | Buffaloberry   |       | I                          | I   |                         |
|               |   |   |             |                  | Buckelder  | 5-15  | ---                        | --- |                         |
|               |   |   |             |                  | Cottonwood   |       | ---                        | --- |                         |
|               |   |   |             |                  | Silverberry  |       | I                          | I   |                         |
|               |   |   |             |                  | Snowberry  |       | I                          | I   |                         |
|               |   |   |             |                  | Rose spp.  |       | I                          | I   |                         |
|               |   |   |             |                  | <u>Grasses and Grasslike</u>   |       |                            |     |                         |
|               | Phase 1   | 2500                                      | 2000        | 1200             | Alkali sacaton   | 20-30 | D                          | D   | Poverty sumpweed        |
| 5             | Harlem, saline  |   |             |                  | Alkaligrass  | 20-30 | D                          | D   | Foxtail barley          |
| 5             | Hayre, saline   |   |             |                  | Alkali cordgrass   | 10-20 | D                          | I   | Kochia                  |
| 5             | Lallie, saline  |   |             |                  | Western wheatgrass   | 10-20 | D                          | D   | Knotweed                |
| 5             | Lardell   |   |             |                  | Basin wildrye  | 5-15  | D                          | I   | Annuals                 |
| 6             | Aquic Ustifluvents, saline  |   |             |                  | Inland saltgrass   | 5-10  | I                          | I   | Weedy forbs             |
| 6             | Fluvents, saline  |   |             |                  | Alkali bluegrass   | 5-10  | D                          | D   |                         |
| 6             | Ustifluvents, saline  |   |             |                  | Sedge and rushes   | 5-15  | I                          | I   |                         |
|               |   |   |             |                  | Other perennial grasses  | 5-15  | I/D                        | I/D |                         |
|               |   |   |             |                  | <u>Forbs</u>   |       |                            |     |                         |
| 6             | Phase 2<br>Ribe, flooded  | 800                                       | 600         | 400              | Despomed   |       | I                          | I   |                         |
|               | Phase 1 and 2<br>have similar plant<br>communities but vary<br>in production. |   |             |                  | Knotweed   | 0-5   | I                          | I   |                         |
|               |   |   |             |                  | Other perennial forbs  |       | I                          | I   |                         |
|               |   |   |             |                  | <u>Woody Species</u>   |       |                            |     |                         |
|               |   |   |             |                  | Greasewood   |       | I/D                        | I   |                         |
|               |   |   |             |                  | Buffaloberry   | 5-15  | ---                        | --- |                         |
|               |   |   |             |                  | Nuttall saltbush   |       | D                          | D   |                         |

| Soil Subgroup  | Range Sites By Soil Groups and Precipitation Zone | Potential Production (Lbs/Ac, Dry Weight) |             |                  | Potential Native Plant Community Composition by Weight | Livestock Grazing Response |       | Invader Plants    |
|--|---|---|-------------|------------------|--|----------------------------|-------|-------------------|
|  |   | Favorable Year                            | Normal Year | Unfavorable Year |  | Cattle                     | Sheep |                   |
| <b>OVERFLOW 10-14"</b>   |   |   |             |                  |  |                            |       |                   |
| Phase 1  | 3200  | 2700                                      | 2000        |                  | <u>Grasses and Grasslike</u>                           |                            |       |                   |
| 6 Glendive   |   |   |             |                  | Basin wildrye  | 20-40                      | D     |                   |
| 6 Harlan   |   |   |             |                  | Green needlegrass                                      | 15-30                      | D     | Canada bluegrass  |
| 6 Havre  |   |   |             |                  | Western wheatgrass                                     | 15-30                      | D     | Thistle           |
| 6 Hietic Terrifluents  |   |   |             |                  | Slender wheatgrass                                     | 5-10                       | D     | Annuals           |
| 6 Trembles   |   |   |             |                  | Canary bluegrass                                       | 5-10                       | D     | Leafy spurge      |
| 6 Havrelon   |   |   |             |                  | Needleandthistle                                       | 0-10                       | I     | Other weedy forbs |
| 6 Lohler   |   |   |             |                  | Other perennial grasses                                | 5-15                       | I/D   |                   |
| 6 Typic Ustifluents  |   |   |             |                  | <u>Forbs</u>   |                            |       |                   |
| Phase 2  | 3000  | 2200                                      | 1500        |                  | American vetch   |                            | D     |                   |
| 6 Bowdoin  |   |   |             |                  | Two grooved milk vetch                                 |                            | D     |                   |
| 6 Morris, wet  |   |   |             |                  | Perennial sunflower                                    | 0-5                        | D     |                   |
| 6 Morris, wet  |   |   |             |                  | Dotted gayfeather                                      |                            | D     |                   |
| Phase 3  | 3100  | 2600                                      | 2200        |                  | Other perennial forbs                                  |                            | I/D   | I/D               |
| 6 Lallie   |   |   |             |                  | Western yarrow   |                            | I     |                   |
| 7 McKenzie   |   |   |             |                  | Lomatium spp.  |                            | I     |                   |
| 7 Nisbett  |   |   |             |                  | Fringed sagewort                                       | 0-5                        | I     |                   |
| Phases 1, 2 and 3 have similar plant communities but vary in production                    |   |   |             |                  |  |                            |       |                   |
|  |   |   |             |                  | Scurfpea   |                            | I     |                   |
| <b>SANDS 10-14"</b>  |   |   |             |                  |  |                            |       |                   |
| Phase 1  | 1800  | 2200                                      | 1800        |                  | <u>Woody Species</u>                                   |                            |       |                   |
| 8 Blanchard  |   |   |             |                  | Rockrose   |                            | I     | I                 |
| 8 Hanly  |   |   |             |                  | Rosa spp.  |                            | I     | I                 |
| Phase 2  | 2600  | 2200                                      | 1800        |                  | Chokecherry  | 5-10                       | D     | D                 |
| 8 Lihen  |   |   |             |                  | Silver sagebrush                                       |                            | I     |                   |
| 12-14" precipitation zone; plant community is similar, productivity is higher than Phase 1 |   |   |             |                  |  |                            |       |                   |
|  |   |   |             |                  | Serviceberry   |                            | D     | D                 |
|  |   |   |             |                  | <u>Grasses and Grasslike</u>                           |                            |       |                   |
| Phase 1  | 1800  | 2200                                      | 1800        |                  | Prairie sandreed                                       | 40-60                      | D     | I                 |
| 8 Little bluestem  |   |   |             |                  | Little bluestem  | 10-15                      | D     | Annuals           |
| 8 Sand bluestem  |   |   |             |                  | Indian ricegrass                                       | 0-20                       | D     | Weedy forbs       |
| 8 Western wheatgrass   |   |   |             |                  | Needleandthistle                                       | 10-20                      | D     |                   |
| 8 Sand dropseed  |   |   |             |                  | Sand dropseed  | 0-5                        | I     |                   |
| 8 Blue grama   |   |   |             |                  | Other perennial grasses                                | 5-15                       | I/D   | I/D               |
| 8 Threadleaf sedge   |   |   |             |                  | Threadleaf sedge                                       | 0-5                        | I     | I                 |
|  |   |   |             |                  | <u>Forbs</u>   |                            |       |                   |
| Phase 1  | 1800  | 2200                                      | 1800        |                  | Prairieclover  |                            | D     | D                 |
| 8 Dotted gayfeather  |   |   |             |                  | Dotted gayfeather                                      |                            | I     |                   |
| 8 Scurfpea   |   |   |             |                  | Ericaceous   |                            | I     | D                 |
| 8 Milkvetch  |   |   |             |                  | Milkvetch  | 5-10                       | I/D   | I/D               |
| 8 White milkwort   |   |   |             |                  | White milkwort   |                            | I     | I                 |
| 8 Hairy goldenaster  |   |   |             |                  | Hairy goldenaster                                      |                            | I     | I                 |
| 8 Fringed sagewort   |   |   |             |                  | Green sagewort   |                            | I     | I                 |
| 8 Other perennial forbs  |   |   |             |                  | Other perennial forbs                                  |                            | I/D   | I/D               |
|  |   |   |             |                  | <u>Woody Species</u>                                   |                            |       |                   |
| Phase 1  | 2000  | 1600                                      | 1000        |                  | Yucca  |                            | I     | I                 |
| 8 Assiniboinine  |   |   |             |                  | Rosa spp.  | 0-5                        | I     | I                 |
| 8 Bushy  |   |   |             |                  | <u>Grasses and Grasslike</u>                           |                            |       |                   |
| 8 Chinook  |   |   |             |                  | Prairie sandreed                                       | 20-30                      | D     | I                 |
| 8 Coesberg   |   |   |             |                  | Little bluestem  | 5-15                       | D     | Tumblegrass       |
| 8 Dooley   |   |   |             |                  | Sand bluestem  | 0-5                        | D     | Bull thistle      |
| 6 Glendive   |   |   |             |                  | Indian ricegrass                                       | 5-20                       | D     | Canada thistle    |
| 6 Trembles   |   |   |             |                  | Western wheatgrass                                     | 10-20                      | I     | Knapweeds         |
| 5 Twilight   |   |   |             |                  | Needleandthistle                                       | 15-25                      | I     | Leafy spurge      |
| 9 Turner   |   |   |             |                  | Blue grama   | 0-5                        | I     | Salsify           |
| 8 Tally  |   |   |             |                  | Other perennial grasses                                | 5-15                       | I/D   | Curlycup gunweed  |
|  |   |   |             |                  | Threadleaf sedge                                       | 5-10                       | I     | Sandwort          |
|  |   |   |             |                  |  |                            |       | Friggleypear      |
| Phase 2  | 2500  | 2200                                      | 1800        |                  | <u>Forbs</u>   |                            |       |                   |
| 8 Lihen  |   |   |             |                  | Prairieclover  |                            | D     | D                 |
| 8 Parshall   |   |   |             |                  | Dotted gayfeather                                      |                            | D     | D                 |
| Phase 3  | 1200  | 1000                                      | 800         |                  | American licorice                                      |                            | I     | I                 |
| 5 Kiedel   |   |   |             |                  | Hairy goldenaster                                      | 0-10                       | I     | I                 |
| Phases 1, 2, and 3 have similar plant communities but vary in production.                  |   |   |             |                  |  |                            |       |                   |
|  |   |   |             |                  | Fringed sagewort                                       |                            | I     | I                 |
|  |   |   |             |                  | Scurfpea   |                            | I     | D                 |
|  |   |   |             |                  | Penstemon  |                            | I     |                   |
|  |   |   |             |                  | Other perennial forbs                                  |                            | I/D   | I/D               |
|  |   |   |             |                  | <u>Woody Species</u>                                   |                            |       |                   |
|  |   |   |             |                  | Yucca  |                            | I     | I                 |
|  |   |   |             |                  | Skunkbush sumac  |                            | ---   | ---               |
|  |   |   |             |                  | Rosa spp.  | 0-5                        | I     | I                 |
|  |   |   |             |                  | Other perennial shrubs                                 |                            | I/D   | I/D               |

## APPENDIX 3.4: CONTINUED

| Soil Subgroup       | Range Sites By Soil Groups and Precip-itation Zone | Potential Production (Lbs/Ac. Dry Weight) |             |                  | Potential Native Plant Community Common Plant Name and Percent Composition by Weight |       | Livestock Grazing Response |       | Invader Plants     |
|---------------------|--|---|-------------|------------------|--|-------|----------------------------|-------|--------------------|
|                     |  | Favorable Year                            | Normal Year | Unfavorable Year |  |       | Cattle                     | Sheep |                    |
| <b>SILTY 10-14"</b> |  |   |             |                  |  |       |                            |       |                    |
| Phase 1             | 2300   | 1900                                      | 1300        |                  | <u>Grasses and Grasslike</u>   |       |                            |       |                    |
| 10 Cherry           |  |   |             |                  | Western wheatgrass   | 30-50 | D                          | D     | Tumblegrass        |
| 9 Farland           |  |   |             |                  | Bluebunch wheatgrass   | 0-40  | D                          | D     | Pricklypear        |
| 5 Marmarth          |  |   |             |                  | Green needlegrass  | 15-30 | D                          | D     | Knapweeds          |
| 5 Reeder            |  |   |             |                  | Needleandthread  | 15-20 | I                          | I     | Bull thistle       |
| 10 Shafer           |  |   |             |                  | Little bluestem  | 5-20  | D                          | I     | Canada thistle     |
|                     |  |   |             |                  | Poverty grass  | 5-15  | D                          | I     | Leadplant          |
|                     |  |   |             |                  | Prairie junegrass  | I     | I                          | I     | Salsify            |
| 9 Attewan           | 1500   | 1100                                      | 800         |                  | Blue grama   | I     | I                          | I     | Curlycup gumweed   |
| 5 Cambert           |  |   |             |                  | Sandberg bluegrass   | 5-10  | I                          | I     | Sandverb           |
| 5 Delpoint          |  |   |             |                  | Threadleaf sedge   | I     | I                          | I     | Small clubmoss     |
| 5 Doney             |  |   |             |                  | Other perennial grasses  | 5-15  | I/D                        | I/D   | Broom snakeweed    |
| 9 Evanson           |  |   |             |                  |  |       |                            |       | Crested wheatgrass |
| 9 Farnuf            |  |   |             |                  | <u>Forbs</u>   |       |                            |       |                    |
| 9 Floweree          |  |   |             |                  | American vetch   | D     | D                          | D     |                    |
| 6 Glendive loam     |  |   |             |                  | Dotted gayfeather  | 5-10  | D                          | D     |                    |
| 6 Haver             |  |   |             |                  | Black salsify  | D     | D                          | D     |                    |
| 18 Hedges           |  |   |             |                  | Western yarrow   | I     | I                          | I     |                    |
| 1 Joylin            |  |   |             |                  | Fringed sagewort   | I     | I                          | I     |                    |
| 1 Kavan             |  |   |             |                  | Hairy goldenaster  | 0-05  | I                          | I     |                    |
| 6 Korent            |  |   |             |                  | White milkwort   | I     | I                          | I     |                    |
| 9 Kremlin           |  |   |             |                  | Scurfpea   | I     | I                          | I     |                    |
| 5 Lonna             |  |   |             |                  |  |       |                            |       |                    |
| 1 Phillips          |  |   |             |                  | <u>Shrubs</u>  |       |                            |       |                    |
| 9 Redwale           |  |   |             |                  | Silver sagebrush   | I     | D                          | D     |                    |
| 1 Scobey            |  |   |             |                  | Winterfat  | 0-05  | D                          | D     |                    |
| 1 Telstad           |  |   |             |                  | Nuttall saltbush   | D     | D                          | D     |                    |
| 9 Yanc              |  |   |             |                  |  |       |                            |       |                    |
| 1 Zahill            |  |   |             |                  |  |       |                            |       |                    |
| 1 Zahil             |  |   |             |                  |  |       |                            |       |                    |
| Phase 3             | 1200   | 900                                       | 500         |                  |  |       |                            |       |                    |
|                     | Slopes   |   |             |                  |  |       |                            |       |                    |
| 1 Hilton            | 15%  |   |             |                  |  |       |                            |       |                    |
| 1 Lambeth           | 15%  |   |             |                  |  |       |                            |       |                    |

Phase 1, 2 and 3 have similar plant communities but vary in production.

| <b>SILTY 15-19"</b> |         |      |      |      |
|---------------------|---------|------|------|------|
|                     | Phase 4 | 2400 | 1900 | 1500 |
| 1 Bearpaw           |         |      |      |      |
| 18 Belain           |         |      |      |      |
| 9 Judith            |         |      |      |      |
| 19 Libag            |         |      |      |      |
| 19 Martinsdale      |         |      |      |      |
| 19 Peters           |         |      |      |      |
| 9 Shawnut           |         |      |      |      |
| 9 Straw             |         |      |      |      |
| 9 Turner            |         |      |      |      |
| 1 Vida              |         |      |      |      |
| 1 Williams          |         |      |      |      |
| 9 Work              |         |      |      |      |

15-19" precipitation zone; plant community is similar, productivity is higher than Phase 1, 2 and 3.

## APPENDIX 3.4: CONTINUED

| Soil Subgroup   | Range Sites By Soil Groups and Precipitation Zone | Potential Production (Lbs/Ac, Dry Weight) | Potential Native Plant Community Composition by Weight | Livestock Grazing Response | Invader Plants                    |        |
|---|---|---|--|----------------------------|-----------------------------------|--------|
|   |   | Favorable Year                            | Normal Year  | Unfavorable Year           | Cattle                            | Sheep  |
| <b>CLAYEY 10-14"</b>  |   |   |  |                            |                                   |        |
| <b>Phase 1</b>  |   |   |  |                            |                                   |        |
| 6   | Harlan silty clay loam                            | 1800                                      | 1300   | 900                        | Grasses and Grasslike             |        |
| 6   | Havre silty clay loam                             |   |  |                            | Bluebunch wheatgrass              | 0-40** |
| 6   | Utic Torriorthents                                |   |  |                            | Western wheatgrass                | 30-50  |
|   |   |   |  |                            | Thickspike wheatgrass             | 30-50  |
|   |   |   |  |                            | Green needlegrass                 | 30-50  |
|   |   |   |  |                            | Plains reedgrass                  | 0-5    |
|   |   |   |  |                            | Prairie junegrass                 | 0-5    |
|   |   |   |  |                            | Blue grama                        | 0-5    |
|   |   |   |  |                            | Sandberg bluegrass                | 0-5    |
|   |   |   |  |                            | Other perennial grasses           | 5-10   |
|   |   |   |  |                            | Needleleaf sedge                  | 0-5    |
|   |   |   |  |                            |                                   |        |
|   |   |   |  |                            | <b>Forts</b>                      |        |
|   |   |   |  |                            | American vetch                    |        |
|   |   |   |  |                            | Two grooved milkvetch             | I      |
|   |   |   |  |                            | Cutleaf goldweed                  | I      |
|   |   |   |  |                            | Scarlet globemallow               | I      |
|   |   |   |  |                            | Fringed sagewort                  | 5-10   |
|   |   |   |  |                            | White milkwort                    | I      |
|   |   |   |  |                            | Scurfpea                          | I      |
|   |   |   |  |                            | Pussytoes                         | I      |
|   |   |   |  |                            |                                   |        |
|   |   |   |  |                            | <b>Shrubs</b>                     |        |
|   |   |   |  |                            | Silver sagebrush                  |        |
|   |   |   |  |                            | Winterfat                         |        |
|   |   |   |  |                            | Rabbitbrush                       | 0-5    |
|   |   |   |  |                            | Other shrubs                      |        |
|   |   |   |  |                            | ** Western part of study area.    |        |
| <b>Phase 2</b>  |   |   |  |                            |                                   |        |
| 10  | Ethridge  | 1400                                      | 1100   | 800                        | Phase 2 same as Phase 1 except:   |        |
| 10  | Kobar   |   |  |                            | Blue grama                        | 5-10   |
| 10  | Rickey  |   |  |                            | Needleandthread                   | 5-10   |
|   |   |   |  |                            | Green needlegrass                 | 25-40  |
| <b>Phase 3</b>  |   |   |  |                            |                                   |        |
| 4   | Abor  | 1400                                      | 1100   | 800                        | Phase 3 same as Phase 1 except:   |        |
| 4   | Bascovy   |   |  |                            | Western and thickspike wheatgrass | 40-60  |
| 10  | Marias  |   |  |                            | Big sagebrush                     | 5-10   |
| 10  | Marvan  |   |  |                            | Other shrubs                      | 0-5    |
| 10  | Pendroy   |   |  |                            |                                   | I/D    |
| 4   | Thebo   |   |  |                            |                                   | I/D    |
| <b>CLAYEY 15-19"</b>  |   |   |  |                            |                                   |        |
| <b>Phase 4</b>  |   |   |  |                            |                                   |        |
| 10  | Grail   | 2400                                      | 2000   | 1600                       |                                   |        |
| 10  | Savage  |   |  |                            |                                   |        |
| 15-19" precipitation zone; plant communities are similar, productivity is higher than Phase 1, 2 and 3. |   |   |  |                            |                                   |        |
| <b>CLAYEY 10-14"</b>  |   |   |  |                            |                                   |        |
| <b>Phase 5</b>  |   |   |  |                            |                                   |        |
| 3   | Julin   | 1000                                      | 750  | 450                        | Grasses and Grasslike             |        |
| 3   | Taigen  |   |  |                            | Western wheatgrass                | 15-30  |
|   |   |   |  |                            | Thickspike wheatgrass             | D      |
|   |   |   |  |                            | Prairie sandreed                  | D      |
|   |   |   |  |                            | Little bluestem                   | D      |
|   |   |   |  |                            | Green needlegrass                 | D      |
|   |   |   |  |                            | Bluebunch wheatgrass              | D      |
|   |   |   |  |                            | Sandberg bluegrass                | D      |
|   |   |   |  |                            | Plains reedgrass                  | D      |
|   |   |   |  |                            | Prairie junegrass                 | D      |
|   |   |   |  |                            | Sun sedge                         | D      |
|   |   |   |  |                            |                                   |        |
|   |   |   |  |                            | <b>Forts</b>                      |        |
|   |   |   |  |                            | Locust app.                       |        |
|   |   |   |  |                            | Prairie clover                    |        |
|   |   |   |  |                            | American vetch                    |        |
|   |   |   |  |                            | Broadroot scurfpeas               |        |
|   |   |   |  |                            | Goldenrod                         |        |
|   |   |   |  |                            |                                   |        |
|   |   |   |  |                            | <b>Woody Species</b>              |        |
|   |   |   |  |                            | Creeping juniper                  |        |
|   |   |   |  |                            | Blue stem juniper                 |        |
|   |   |   |  |                            | Rose spp.                         |        |
|   |   |   |  |                            | Big sagebrush                     |        |
|   |   |   |  |                            | Rocky Mountain juniper            |        |

## APPENDIX 3.4: CONTINUED

| Soil Subgroup | Range Sites By Soil Groups and Precipitation Zone | Potential Production |             |                  | Potential Native Plant Community Composition by Weight |        | Livestock Grazing Response |       | Invader Plants     |
|---------------|---|----------------------|-------------|------------------|--|--------|----------------------------|-------|--------------------|
|               |   | Favorable Year       | Normal Year | Unfavorable Year | Common Plant Name and Percent                          | Weight | Cattle                     | Sheep |                    |
|               | <u>THIN SANDY</u> 10-14"                          | 1300                 | 1000        | 500              | <u>Grasses and Grasslike</u>                           |        |                            |       |                    |
| 5             | Riedel  |                      |             |                  | Plains muhly   | 0-10   | D                          | D     | Red threeawn       |
|               |   |                      |             |                  | Little bluestem  | 15-30  | D                          | D     | Fringed sagewort   |
|               |   |                      |             |                  | Prairie sandreed                                       | 10-20  | D                          | D     | Broom snakeweed    |
|               |   |                      |             |                  | Needleandthread  | 15-30  | I                          | I     | Annuals            |
|               |   |                      |             |                  | Threadleaf sedge                                       | 5-10   | I                          | I     | Weedy forbs        |
|               |   |                      |             |                  | Indian ricegrass                                       | 0-5    | D                          | D     |                    |
|               |   |                      |             |                  | Western wheatgrass                                     | 15-30  | D                          | D     |                    |
|               |   |                      |             |                  | Blue grama   | 5      | I                          | I     |                    |
|               |   |                      |             |                  | Prairie junegrass                                      | 5      | I                          | I     |                    |
|               |   |                      |             |                  | American vetch   | 0-5    | D                          | D     |                    |
|               |   |                      |             |                  | Prairie clover   | D      | D                          |       |                    |
|               |   |                      |             |                  | Green sagewort   | I      | I                          |       |                    |
|               |   |                      |             |                  | Yucca  | 0-5    | I                          | I     |                    |
|               |   |                      |             |                  | Other perennial forbs                                  | I/D    | I/D                        |       |                    |
|               |   |                      |             |                  | <u>Shrubs</u>  |        |                            |       |                    |
|               |   |                      |             |                  | Rose Spp.  | I      | I                          |       |                    |
|               |   |                      |             |                  | Skunkbush sumac  | 5-10   | I                          | D     |                    |
|               |   |                      |             |                  | Other perennial shrubs                                 | I/D    | I/D                        |       |                    |
|               | <u>THIN SILTY</u> 10-14"                          | 1200                 | 800         | 500              | <u>Grasses and Grasslike</u>                           |        |                            |       |                    |
| 5             | Delpoint  | 15%                  | Slopes      |                  | Blueblush wheatgrass                                   | 0-60   | D                          | D     | Red threeawn       |
| 1             | Barlem  | 15%                  |             |                  | Western & thickspike wheatgrass                        | 20-60  | D                          | D     | Fringed sagewort   |
| 9             | Lambeth   | 15%                  |             |                  | Green needlegrass                                      | 5-10   | D                          | D     | Broom snakeweed    |
| 1             | Zahill  | 15%                  |             |                  | Little bluestem  | 5-10   | D                          | D     | Annuals            |
| 5             | Gambert   | 15%                  |             |                  | Plains muhly   | 5-10   | D                          | D     | Weedy forbs        |
| 5             | Doney   | 15%                  |             |                  | Needleandthread  | 10-20  | I                          | I     | Yellow sweetclover |
|               |   |                      |             |                  | Blue grama   | 0-5    | I                          | I     |                    |
|               |   |                      |             |                  | Prairie junegrass                                      | 0-5    | I                          | I     |                    |
|               |   |                      |             |                  | Plains reedgrass                                       | 0-5    | I                          | I     |                    |
|               |   |                      |             |                  | Threadleaf sedge                                       | 0-5    | I                          | I     |                    |
|               |   |                      |             |                  | Other perennial grasses                                | 5-10   | I/D                        | I/D   |                    |
|               |   |                      |             |                  | <u>Forbs</u>   |        |                            |       |                    |
|               |   |                      |             |                  | American vetch   | 0-5    | D                          | D     |                    |
|               |   |                      |             |                  | Prairie clover   | D      | D                          |       |                    |
|               |   |                      |             |                  | Dotted gayfeather                                      | D      | D                          |       |                    |
|               |   |                      |             |                  | Goldenpea  | I      | I                          |       |                    |
|               |   |                      |             |                  | Milkvetches  | 0-5    | I/D                        | I/D   |                    |
|               |   |                      |             |                  | Eriogonum spp.   | I      | D                          |       |                    |
|               |   |                      |             |                  | Phlox  | I      | I                          |       |                    |
|               |   |                      |             |                  | Yucca  | I      | I                          |       |                    |
|               |   |                      |             |                  | <u>Shrubs</u>  |        |                            |       |                    |
|               |   |                      |             |                  | Winterfat  | 5-10   | D                          | D     |                    |
|               |   |                      |             |                  | Rose spp.  | 5-10   | I                          | I     |                    |
|               |   |                      |             |                  | Creeping juniper                                       | 5-10   | I                          | I     |                    |
|               | <u>THIN CLAYEY</u> 10-14"                         | 1200                 | 850         | 600              | <u>Grasses and Grasslike</u>                           |        |                            |       |                    |
| 1             | Phase I   |                      |             |                  | Blueblush wheatgrass**                                 | 0-60   | D                          | D     | Yellow sweetclover |
| 1             | Sunburst  |                      |             |                  | Western & thickspike wheatgrass                        | 20-60  | D                          | D     | Fringed sagewort   |
|               |   |                      |             |                  | Green needlegrass                                      | 10-40  | D                          | D     | Broom snakeweed    |
|               |   |                      |             |                  | Little bluestem  | 10-20  | D                          | D     | Annuals            |
|               |   |                      |             |                  | Sideoats grama   | 5-10   | D                          | D     | Weedy forbs        |
|               |   |                      |             |                  | Plains muhly   | 0-10   | D                          | D     |                    |
|               |   |                      |             |                  | Blue grama   | I      | I                          |       |                    |
|               |   |                      |             |                  | Prairie junegrass                                      | 5-10   | I                          | I     |                    |
|               |   |                      |             |                  | Plains reedgrass                                       | I      | I                          |       |                    |
|               |   |                      |             |                  | Other perennial grasses and sedges                     | 5-10   | I/D                        | I/D   |                    |
|               |   |                      |             |                  | <u>Forbs</u>   |        |                            |       |                    |
|               |   |                      |             |                  | American vetch   | 0-5    | D                          | D     |                    |
|               |   |                      |             |                  | Prairie clover   | D      | D                          |       |                    |
|               |   |                      |             |                  | Dotted gayfeather                                      | D      | D                          |       |                    |
|               |   |                      |             |                  | Goldenpea  | I      | I                          |       |                    |
|               |   |                      |             |                  | Milkvetches  | 0-5    | I/D                        | I/D   |                    |
|               |   |                      |             |                  | Eriogonum spp.   | I      | D                          |       |                    |
|               |   |                      |             |                  | Phlox  | I      | I                          |       |                    |
|               |   |                      |             |                  | <u>Woody Species</u>                                   |        |                            |       |                    |
|               |   |                      |             |                  | Winterfat  |        | D                          | D     |                    |
|               |   |                      |             |                  | Rose Spp.  | 5-10   | I                          | I     |                    |
|               |   |                      |             |                  | Creeping Juniper                                       | I      | I                          |       |                    |
|               |   |                      |             |                  | Big sagebrush  | 0-5    | I                          | I     |                    |

\*\* Western part of study area.

APPENDIX 3.4: CONTINUED

## APPENDIX 3.4: CONTINUED

| Soil Subgroup  | Range Sites By Soil Groups and Precipitation Zone | Potential Production (Lbs/Ac, Dry Weight) | Potential Native Plant Community | Livestock Grazing Response                          | Invader Plants  |
|--|---|---|----------------------------------|---|---|
|  | Favorable Year                                    | Normal Year                               | Unfavorable Year                 | Common Plant Name and Percent Composition by Weight | Cattle Sheep  |
| <b>SHALLOW 15-19"</b>  |   |   |                                  |   |   |
| 19   | Castner   | 1200                                      | 1000                             | 800   | <u>Grasses and Grasslike</u><br>Bluebunch wheatgrass 65-85 D I Cheatgrass<br>Idaho fescue 0-15 D I Red threeawn<br>Needleandthread 0-10 I I Leafy spurge<br>Western wheatgrass 0-5 I I<br>Sedges 0-5 I I<br>Other native perennial grasses. 10-15 I I                               |
| 19   | Cheadle   |   |                                  |   |   |
| 19   | Warneke   |   |                                  |   |   |
| <u>Phase 2</u>   |   |   |                                  |   |   |
| 19   |   |   |                                  |   | <u>Forts</u><br>Penstemon I I<br>Hairy Goldenaster I I<br>Phlox I I<br>Eriogonum 5-15 I D<br>Pussytoes I I<br>Other native perennial forbs. I/D I/D   |
|  |   |   |                                  |   |   |
| <u>Woody Species</u>   |   |   |                                  |   |   |
|  |   |   |                                  |   | Conifers<br>Serviceberry 15-30 I/D I/D  |
|  |   |   |                                  |   | Other native shrubs   |
| <b>CLAY PAN 10-14"</b>   |   |   |                                  |   |   |
| 12   | Absher  | 1000                                      | 900                              | 800   | <u>Grasses and Grasslike</u><br>Nuttall alkaligrass 20-40 D D Knotweed<br>Alkali sation 20-40 D D Pricklypear<br>Inland saltgrass 10-25 I I Tumblegrass<br>Western and thickspike wheatgrass. 20-40 D D Annuals<br>Cusick bluegrass 0-5 I I<br>Other perennial grasses 5-10 I/D I/D |
| 12   | Adger   |   |                                  |   |   |
| <u>Forts</u>   |   |   |                                  |   |   |
|  |   |   |                                  |   | Poverty sunweed I I<br>Sporozo I I<br>Glasswort I I<br>Other forbs I I  |
| <u>Woody Species</u>   |   |   |                                  |   |   |
|  |   |   |                                  |   | Grasswood I/D I/D<br>Nuttall saltbush 0-5 D D<br>Other woody species I/D I/D  |
| <u>Grasses and Grasslike</u>   |   |   |                                  |   |   |
| 2  | Phase 2 Thoeny                                    | 900                                       | 650                              | 500   | Western and thickspike wheatgrass. 30-50 D D Prickly pear<br>Creed  |
| 11   |   |   |                                  |   | Green needlegrass 5-10 D D Sixweeks fescue<br>Needleandthread 5-20 I I Tumblegrass<br>Blue grama 5-10 I I Broom snakeweed<br>Sandberg bluegrass 0-5 I I Clubmoss  |
| <u>Forts</u>   |   |   |                                  |   |   |
| 2  | Phase 3 Elloam                                    | 800                                       | 550                              | 300   | American wach D D<br>Scarlet gilobmallow I I<br>Western yarrow I I<br>Milk vetch 5-10 I I<br>Biscuitroot I I<br>Lomatium I D<br>Pinged sagewort I I   |
| 11   | Gerdrum   |   |                                  |   |   |
| 4  | Weingart  |   |                                  |   |   |
| <u>Woody Species</u>   |   |   |                                  |   |   |
|  |   |   |                                  |   | Winterfat D D<br>Nuttall saltbush D D<br>Big sagebush 0-10 I I<br>Pricklypear I I   |
| <u>Phase 2 and 3 have similar plant communities but vary in production</u> |   |   |                                  |   |   |

## APPENDIX 3.4: CONTINUED

| Soil Subgroup   | Range Sites By Soil Groups and Precipitation Zone | Potential Production (Lbs/Ac, Dry Weight) |             |  | Potential Native Plant Community Common Plant Name and Percent Composition by Weight   |  |                                 | Livestock Grazing Response      |  | Invader Plants |
|---|---|---|-------------|--|--|--|---------------------------------|---------------------------------|--|----------------|
|   |   | Favorable Year                            | Normal Year | Unfavorable Year                                       | Cattle   | Sheep  |                                 |                                 |  |                |
| <b>DENSE CLAY 10-14"</b>  |   |   |             |  |  |  |                                 |                                 |  |                |
| 6   | Phase 1 Bowdoin (protected phase)                 | 800                                       | 600         | 400  | <u>Grasses and Grasslike</u><br>Western and thickspike wheatgrass.<br>Green needlegrass<br>Prairie junegrass<br>Cusick bluestem<br>Sandberg bluegrass<br>Needleleaf sedge                              | 40-50<br>10-40<br>0-5<br>0-5<br>0-5<br>0-5             | D<br>D<br>I<br>I<br>I<br>I      | D<br>D<br>I<br>I<br>I<br>I      | Foxtail barley<br>Broom snakeweed<br>Pricklypear<br>Annuals<br>Weedy forbs             |                |
|   | Phase 2 Teaslette                                 | 300                                       | 200         | 80   | <u>Forbs</u><br>Eriogonum<br>Biscuitroot<br>Wild onion<br>Thermopsis spp.<br>Other perennial forbs   | ---  | ---                             | ---                             |  |                |
| 13  | Phase 3 Vanda                                     | 800                                       | 600         | 400  | <u>Woody Species</u><br>Greasewood   | I  | I                               |                                 |  |                |
|   | Vanda   |   |             |  | Big sagebrush<br>Salt & saltbush<br>Rabbitbrush<br>Pricklypear   | I<br>5-10<br>---                                       | D<br>D<br>---                   | I<br>D<br>I                     | Annuals<br>Small clubmoss<br>Weedy forbs<br>Pricklypear                                |                |
| Phase 1, 2 and 3 have similar plant communities but vary in production. |   |   |             |  |  |  |                                 |                                 |  |                |
| 14  | GRAVEL 10-14"                                     | 725                                       | 600         | 300  | <u>Grasses and grasslike</u><br>Needleandrifthead<br>Western and thickspike wheatgrass<br>Plains muhly<br>Bluebunch wheatgrass<br>Sand dropseed<br>Other native perennial grasses.<br>Threadleaf sedge | 20-30<br>10-20<br>10-15<br>0-10<br>5-10<br>5-10<br>0-5 | I<br>D<br>D<br>D<br>D<br>I<br>I | I<br>D<br>D<br>D<br>D<br>I<br>I | Annuals<br>Small clubmoss<br>Weedy forbs<br>Pricklypear                                |                |
|   | Phase 1 Tinsley                                   |   |             |  | <u>Forbs</u><br>Green sagewort<br>Fringed sagewort<br>Hairy goldenaster<br>Thermopsis<br>Prairieclover<br>Other native perennial forbs.  | ---  | ---                             | ---                             |  |                |
|   |   |   |             |  |  |  |                                 |                                 |  |                |
| 12 & 13   | SALINE UPLAND 10-14"                              | 300                                       | 500         | 200  | <u>Woody Species</u><br>Rabbitbrush<br>Rose spp.<br>Yucca<br>Creeping juniper<br>Other native perennial woody species.   | ---  | ---                             | ---                             |  |                |
|   | Phase 1 Nobe                                      |   |             |  | <u>Grasses and Grasslike</u><br>Alkali sacaton<br>Western and thickspike wheatgrass<br>Inland saltgrass<br>Nuttall alkaligrass<br>Other perennial grasses  | 25-40<br>20-30<br>10-15<br>10-20<br>5-10               | D<br>D<br>D<br>D<br>D           | D<br>D<br>D<br>D<br>D           | Foxtail barley<br>Annuals<br>Weedy forbs<br>Small clubmoss* (Benz soil)<br>Pricklypear |                |
| 9   | Phase 2 Benz*                                     | 700                                       | 500         | 200  | <u>Forbs</u><br>Eriogonum spp.<br>Poverty sumacweed<br>Other native perennial forbs  | 0-5  | I<br>I<br>I                     | D<br>I<br>I                     |  |                |
|   |   |   |             | <u>Woody Species</u><br>Greasewood<br>Nuttall saltbush | 20-30  | I/D<br>D   | I/D<br>D                        |                                 |  |                |

\*Includes wider variety of perennial grasses than typical saline upland range site: including blue grama and clubmoss.

## APPENDIX 3.4: CONTINUED

| Soil Subgroup | Range Sites By Soil Groups and Precipitation Zone | Potential Production (Lbs/Ac, Dry Weight) |             |                  | Potential Native Plant Community  |     | Livestock Grazing Response |                        | Invader Plants         |
|---------------|---|---|-------------|------------------|---|-----|----------------------------|------------------------|------------------------|
|               |   | Favorable Year                            | Normal Year | Unfavorable Year | Common Plant Name and Percent Composition by Weight                     |     | Cattle                     | Sheep                  |                        |
|               | <u>SHALE</u> 10-14"                               | 500                                       | 400         | 300              | <u>Grasses and Grasslike</u><br>Western wheatgrass and thickspike 20-30 |     | D                          | D                      | Annuals<br>Weedy forbs |
| 3 & 4         |   |   |             |                  | Prairie sandreed 10-30  | D   | D                          |                        |                        |
|               |   |   |             |                  | Alkali sacaton 10-20  | D   | D                          |                        |                        |
|               |   |   |             |                  | Inland saltgrass 10-15  | D   | D                          |                        |                        |
|               |   |   |             |                  | Other native perennial grasses 10-15                                    | D   | D                          |                        |                        |
|               |   |   |             |                  | <u>Forbs</u>  |     |                            |                        |                        |
|               |   |   |             |                  | Eriogonum I   | D   |                            |                        |                        |
|               |   |   |             |                  | Poverty sumweed I   | I   |                            |                        |                        |
|               |   |   |             |                  | Thermopsis spp. 0-5   | --- | ---                        |                        |                        |
|               |   |   |             |                  | Other native perennial forbs I  | I   | I                          |                        |                        |
|               |   |   |             |                  | <u>Woody Species</u>  |     |                            |                        |                        |
|               |   |   |             |                  | Rose spp.   |     |                            |                        |                        |
|               |   |   |             |                  | Greasewood D  | D   |                            |                        |                        |
|               |   |   |             |                  | Mutall saltbush 10-20   | D   | D                          |                        |                        |
|               |   |   |             |                  | Shadscale D   | D   |                            |                        |                        |
|               |   |   |             |                  | Other native shrubs I   | I   |                            |                        |                        |
|               | <u>BADLANDS</u> 10-14"                            | 500                                       | 400         | 300              | <u>Grasses and Grasslike</u><br>Western wheatgrass 20-40                | D   | D                          | <u>Broom snakeweed</u> |                        |
| 3 & 4         |   |   |             |                  | Green needlegrass 10-20   | D   | D                          | Annuals                |                        |
|               |   |   |             |                  | Little bluestem 0-5   | D   | D                          | Weedy forbs            |                        |
|               |   |   |             |                  | Plains muhly 0-10   | D   | D                          |                        |                        |
|               |   |   |             |                  | Prairie sandreed 0-5  | D   | D                          |                        |                        |
|               |   |   |             |                  | Other perennial grasses 10-20   | I/D | I/D                        |                        |                        |
|               |   |   |             |                  | <u>Forbs</u>  |     |                            |                        |                        |
|               |   |   |             |                  | American vetch D  | D   |                            |                        |                        |
|               |   |   |             |                  | Prairieclover D   | D   |                            |                        |                        |
|               |   |   |             |                  | Onion 0-5 I   | I   |                            |                        |                        |
|               |   |   |             |                  | Scarlet globemallow I   | I   |                            |                        |                        |
|               |   |   |             |                  | <u>Woody Species</u>  |     |                            |                        |                        |
|               |   |   |             |                  | Big sagebrush I   | I   | I                          |                        |                        |
|               |   |   |             |                  | Rubber rabbitbrush 0-10   | --- | D                          |                        |                        |
|               |   |   |             |                  | Greasewood I/D  | I/D |                            |                        |                        |

Source: 10-14" Precipitation Zone Data is from Eastern Glaciated Plains and Foothills and Mountains.

15-19" Precipitation Zone Data is from Western Glaciated Plains and Foothills and Mountains.

Geographic Areas, Tech. Guide April, 1979, USDA, SCS---Montana with minor modifications by C. Clark and J. Fahlgren, SLM.

## APPENDIX 3.5: PLANT SPECIES LIST

### GRASS and GRASSLIKE

| Common Name           | Scientific Name                  | Common Name        | Scientific Name                  |
|-----------------------|----------------------------------|--------------------|----------------------------------|
| Carolina foxtail      | <i>Alopecurus carolinianus</i>   | Canada wildrye     | <i>Elymus canadensis</i>         |
| Redtop                | <i>Agrrostis alba</i>            | Russian wildrye    | <i>Elymus junceus</i>            |
| Bluebunch wheatgrass  | <i>Agropyron spicatum</i>        | Six weeks fescue   | <i>Festuca octoflora</i>         |
| Crested wheatgrass    | <i>Agropyron cristatum</i>       | Foxtail barley     | <i>Hordeum jubatum</i>           |
| Thickspike wheatgrass | <i>Agropyron dasystachyum</i>    | Spikerush          | <i>Juncus spp</i>                |
| Western wheatgrass    | <i>Agropyron smithii</i>         | Prairie junegrass  | <i>Koeleria cristata</i>         |
| Slender wheatgrass    | <i>Agropyron trachycaulum</i>    | Plains muhly       | <i>Muhlenbergia cuspidata</i>    |
| Little bluestem       | <i>Andropogon scoparius</i>      | Mat muhly          | <i>Muhlenbergia richardsonis</i> |
| Red threeawn          | <i>Aristida longiseta</i>        | Indian ricegrass   | <i>Oryzopsis hymenoides</i>      |
| American sloughgrass  | <i>Bechmannia syzigachne</i>     | Big bluegrass      | <i>Poa ampla</i>                 |
| Blue grama            | <i>Bouteloua gracilis</i>        | Canby bluegrass    | <i>Poa cambyi</i>                |
| Smooth brome          | <i>Bromus inermis</i>            | Kentucky bluegrass | <i>Poa pratensis</i>             |
| Japanese brome        | <i>Bromus japonicus</i>          | Sandberg bluegrass | <i>Poa secunda</i>               |
| Cheatgrass            | <i>Bromus tectorum</i>           | Tumblegrass        | <i>Schedonardus paniculatus</i>  |
| Bluejoint             | <i>Calamagrostis canadensis</i>  | Bullrush           | <i>Scirpus spp</i>               |
| Plains reedgrass      | <i>Calamagrostis montanensis</i> | Squirrel tail      | <i>Sitanian hystrrix</i>         |
| Prairie sandreed      | <i>Calamovilfa longifolia</i>    | Dropseed           | <i>Sporobolus spp</i>            |
| Sedge                 | <i>Carex spp</i>                 | Alkali sacaton     | <i>Sporobolus arioides</i>       |
| Threadleaf sedge      | <i>Carex filifolia</i>           | Alkali cordgrass   | <i>Spartina gracilis</i>         |
| Needleleaf sedge      | <i>Carex stans</i>               | Needleandthread    | <i>Stipa comata</i>              |
| Hair grass            | <i>Deschampsia spp</i>           | Green needlegrass  | <i>Stipa viridula</i>            |
| Inland saltgrass      | <i>Distichlis stricta</i>        | Porcupine grass    | <i>Stipa spartea</i>             |
| Bamyard grass         | <i>Echinochloa crusgalli</i>     | Common wheat       | <i>Triticum aestivum</i>         |

### HALF SHRUB and FORB

| Common Name             | Scientific Name               | Common Name                 | Scientific Name               |
|-------------------------|-------------------------------|-----------------------------|-------------------------------|
| Yarrow                  | <i>Achillea lanulosa</i>      | Bull thistle                | <i>Cirsium vulgare</i>        |
| Western yarrow          | <i>Achillea millefolium</i>   | Narrowleafed collomia       | <i>Collomia linearis</i>      |
| Nodding onion           | <i>Allium cernuum</i>         | Bastard toadflax            | <i>Comandra umbellata</i>     |
| Wild onion              | <i>Allium textile</i>         | Minerscandle                | <i>Cryptantha bradburiana</i> |
| Field pussytoes         | <i>Antennaria neglecta</i>    | Hawksbeard                  | <i>Crepis spp</i>             |
| Rose pussytoes          | <i>Antennaria rosea</i>       | Larkspur                    | <i>Delphinium spp</i>         |
| Green sagewort          | <i>Artemisia dracunculus</i>  | Shootingstar                | <i>Dodecatheon conjugens</i>  |
| Cudweed sagewort        | <i>Artemisia ludoviciana</i>  | Horsetail                   | <i>Equisetum spp</i>          |
| Spreading pasqueflower  | <i>Artemesia patens</i>       | Plains (western) wallflower | <i>Erysimum asperum</i>       |
| Loco weed               | <i>Astragalus spp</i>         | Fleabane                    | <i>Erigeron spp</i>           |
| Pursh loco (woolly pod) | <i>Astragalus purshii</i>     | Fernleaf fleabane           | <i>Erigeron compositus</i>    |
| Green milkweed          | <i>Asclepias Virginiana</i>   | Eriogonum (buckwheat)       | <i>Eriogonum spp</i>          |
| Milkweed species        | <i>Asclepias spp</i>          | Low fleabane                | <i>Erigeron pumilus</i>       |
| Aster spp               | <i>Aster spp</i>              | Leafy spurge                | <i>Euphorbia esula</i>        |
| Many flowered aster     | <i>*Aster ericoides</i>       | Yellowbell                  | <i>Fritillaria pudica</i>     |
| Mustard                 | <i>Brassica spp</i>           | Brown-eyed Susan            | <i>Gaillardia aristata</i>    |
| Roundleaf harebell      | <i>Campanula rotundifolia</i> | Bedstraw                    | <i>Gallium boreale</i>        |
| Field chickweed         | <i>Cerastium arvense</i>      | Scarlet gaura               | <i>Gaura coccinea</i>         |
| Lambsquarter            | <i>Chenopodium album</i>      | White geranium              | <i>Geranium richardsonii</i>  |
| Hairy goldenaster       | <i>Chrysopsis villosa</i>     | Prairiesmoke                | <i>Geum triflorum</i>         |
| Thistle                 | <i>Cirsium spp</i>            | American locorice           | <i>Glycyrrhiza lepidota</i>   |
| Canada thistle          | <i>Cirsium arvense</i>        | Curly cup gumweed           | <i>Grindelia squarrosa</i>    |
| Wavyleaf thistle        | <i>Cirsium undulatum</i>      | Stickseed                   | <i>Hackelia spp</i>           |

\* Species unlisted in Standardized Plant Names  
for Montana

## HALF SHRUB and FORB cont.

| Common Name             | Scientific Name               | Common Name               | Scientific Name                |
|-------------------------|-------------------------------|---------------------------|--------------------------------|
| Halogeton               | <i>Halogeton glomeratus</i>   | White prairie clover      | <i>Petalostemon candidus</i>   |
| Sun flower              | <i>Helianthella spp</i>       | Purple prairie clover     | <i>Petalostemon purpurcum</i>  |
| Annual sunflower        | <i>Helianthus annuus</i>      | Hoods phlox               | <i>Phlox hoodii</i>            |
| Stiff sunflower         | * <i>Helianthus rigidus</i>   | Wooly plantain            | <i>Plantago patagonica</i>     |
| Stemless hymenoxys      | <i>Hymenoxys acaulis</i>      | Spindle plantain          | <i>Plantago patagonica</i>     |
| Hymenoxys               | <i>Hymenoxys spp</i>          | (Spiny) Indianwheat       | <i>spinulosa</i>               |
| Plague humenoxys        | <i>Hymenoxys richardsonii</i> | (Wooly) Indianwheat       | <i>gnaphaloides</i>            |
| Poverty weed            | <i>Iva axillaris</i>          | Cinquefoil                | <i>Potentilla spp</i>          |
| Kochia                  | <i>Kochia americana</i>       | Gland cinquefoil          | <i>Potentilla glandulosa</i>   |
| Belvedere summercypress | <i>Kochia scoparia</i>        | Scurfpea                  | <i>Psoralea spp</i>            |
| Stickseed               | <i>Lappula spp</i>            | Silverleaf scurfpea       | <i>Psoralea argophylla</i>     |
| Dotted gay feather      | <i>Liatis punctata</i>        | Common breadroot scurfpea | <i>Psoralea esculenta</i>      |
| Perennial flax          | <i>Linum perenne</i>          | Buttercup                 | <i>Ranunculus abortivus</i>    |
| Biscuitroot             | <i>Lomatium foeniculaceum</i> | Buttercup                 | <i>Ranunculus spp</i>          |
| Bigseed lomatium        | <i>Lomatium macrocarpum</i>   | Sagebrush buttercup       | <i>Ranunculus glaberrimus</i>  |
| Lupine                  | <i>Lupinus</i>                | Prairie coneflower        | <i>Ratibida columnifera</i>    |
| Skeletonweed            | <i>Lygodesmia spp</i>         | Dock                      | <i>Rumex spp</i>               |
| Rush skeletonweed       | <i>Lygodesmia juncea</i>      | Russian thistle           | <i>Salsola kali tenuiflora</i> |
| Pink pincushioncactus   | <i>Mammillaria vivipara</i>   | Small clubmoss            | <i>Selaginella densa</i>       |
| White sweetclover       | <i>Melilotus alba</i>         | Grouse                    | <i>Senecio spp</i>             |
| Yellow sweetclover      | <i>Melilotus officinalis</i>  | Tumbleweedmustard         | <i>Sisymbrium spp</i>          |
| Alfalfa                 | <i>Medicago sativa</i>        | Goldenrod                 | <i>Solidago spp</i>            |
| Brookmint               | * <i>Meathea canadensis</i>   | Missouri goldenrod        | <i>Solidago missouriensis</i>  |
| Microseris              | <i>Microseris spp</i>         | Stiff goldenrod           | <i>Solidago rigida</i>         |
| Daggerhilt (gumbo weed) | <i>Monolepsis nuttalliana</i> | Scarlet globemallow       | <i>Sphaeralcea coccinea</i>    |
| Wildparsley             | <i>Musineon divaricatum</i>   | Woundwort (mint)          | <i>Stachys palustis</i>        |
| Forgetmenot             | <i>Myosotis spp</i>           | Common dandelion          | <i>Taraxacum officinale</i>    |
| Gumbo lily              | <i>Oenothera caespitosa</i>   | Fanweed                   | <i>Thlaspi arvense</i>         |
| Plains pricklypear      | <i>Opuntia polyacantha</i>    | Mountain thermopsis       | <i>Thermopsis montana</i>      |
| Yellow owl clover       | <i>Orthocarpus lutea</i>      | Common salsify            | <i>Tragopogon dubius</i>       |
| Crazyweed               | <i>Oxytropis spp</i>          | American vetch            | <i>Vicia americana</i>         |
| White pointloco         | <i>Oxytropis sericea</i>      | Yellow prairie violet     | <i>Viola nuttallii</i>         |
| Penstemon               | <i>Penstemon spp</i>          | Cocklebur                 | <i>Xanthium spp</i>            |
| White penstemon         | <i>Penstemon albidus</i>      | Deathcamas                | <i>Zygadenus spp</i>           |

## SHRUBS and TREES

| Common Name         | Scientific Name                    | Common Name            | Scientific Name                     |
|---------------------|------------------------------------|------------------------|-------------------------------------|
| Box elder           | <i>Acer negundo</i>                | Rocky Mountain juniper | <i>Juniperus scopulorum</i>         |
| Juneberry           | <i>Amelanchier alnifolia</i>       | Lodgepole pine         | <i>Pinus contorta latifolia</i>     |
| Silver sagebrush    | <i>Artemisia cana</i>              | Ponderosa pine         | <i>Pinus ponderosa</i>              |
| Big sagebrush       | <i>Artemisia tridentata</i>        | Cottonwood             | <i>Populus spp</i>                  |
| Shadscale saltbush  | <i>Atriplex confertifolia</i>      | Plains cottonwood      | <i>Populus sargentii</i>            |
| Nuttall saltbush    | <i>Atriplex nuttallii</i>          | Pin cherry             | <i>Prunus pensylvanica</i>          |
| Rubber rabbitbrush  | <i>Chrysothamnus nauseosus</i>     | Douglas fir            | <i>Pseudotsuga menziesii glauca</i> |
| River hawthorn      | <i>Crataegus rivularis</i>         | Chokecherry            | <i>Prunus virginiana</i>            |
| Douglas rabbitbrush | <i>Chrysothamnus viscidiflorus</i> | Skunkbrush             | <i>Rhus trilobata</i>               |
| Green ash           | <i>Fraxinus pennsylvanica</i>      | Wild rose              | <i>Rosa spp</i>                     |
| Winterfat           | <i>Euonymus lanata</i>             | Willow                 | <i>Salix spp</i>                    |
| Broom snakeweed     | <i>Gutierrezia sarothrae</i>       | Greasewood             | <i>Sarcobatus vermiculatus</i>      |
| Common juniper      | <i>Juniperus communis</i>          | Buffaloberry           | <i>Sheperdia argentea</i>           |
| Creeping juniper    | <i>Juniperus horizontalis</i>      | Western snowberry      | <i>Symphoricarpos occidentalis</i>  |
|                     |                                    | Yucca                  | <i>Yucca glauca</i>                 |

## APPENDIX 3.6: ECOLOGICAL RANGE CONDITION BY SOIL SUBGROUP, IN ACRES AND PERCENT OF TOTAL

## Havre Resource Area

## Phillips Resource Area

## Valley Resource Area

| Soil Subgroup | Public Land          |                 |                 |                 |              |                    | Public Land          |                 |                 |                 |                 |                    | Public Land          |                 |                |                |                 |                    |              |
|---------------|----------------------|-----------------|-----------------|-----------------|--------------|--------------------|----------------------|-----------------|-----------------|-----------------|-----------------|--------------------|----------------------|-----------------|----------------|----------------|-----------------|--------------------|--------------|
|               | Acres and % of Total | Excellent and % | Good and %      | Fair and %      | Poor and %   | Unclassified and % | Acres and % of Total | Excellent and % | Good and %      | Fair and %      | Poor and %      | Unclassified and % | Acres and % of Total | Excellent and % | Good and %     | Fair and %     | Poor and %      | Unclassified and % |              |
| 1.            | 140,138<br>40.7      | 1,219<br>0.9    | 94,214<br>67.3  | 43,489<br>31    | 347<br>0.2   | 869<br>0.6         | 353,946<br>47.7      | 413<br>.12      | 287,239<br>81.2 | 65,601<br>18.5  | 676<br>0.2      | 17<br>-            | 193,238<br>29.2      | 2,743<br>1.4    | 98,023<br>50.7 | 91,308<br>47.3 | 1,164<br>0.6    |                    |              |
| 2.            | 74,796<br>21.7       | 758<br>0.1      | 52,830<br>70.6  | 20,962<br>28    | 246<br>0.3   |                    | 137,096<br>18.5      | 320<br>0.2      | 83,004<br>60.5  | 53,413<br>39    | 317<br>0.2      | 42<br>-            | 145,299<br>21.9      | 1,277<br>0.9    | 52,938<br>36.4 | 90,101<br>62   | 983<br>0.7      |                    |              |
| 3.            | 3,002<br>0.9         |                 | 2,663<br>88.7   | 335<br>11.2     | 4<br>1       |                    | 71,432<br>9.6        | 667<br>1        | 65,069<br>91.1  | 5,672<br>7.9    | 24<br>-         |                    | 141,029<br>21.3      | 368<br>0.3      | 62,763<br>44.5 | 77,875<br>55.2 | 23<br>-         |                    |              |
| 4.            | 44,047<br>12.8       | 5<br>-          | 14,632<br>33.2  | 14,177<br>32    | 170<br>0.4   | 15,063<br>34.2     | 79,718<br>10.7       | 578<br>0.7      | 45,835<br>57.5  | 6,489<br>8.2    | 57<br>-         | 26,759<br>33.6     | 49,404<br>7.5        | 132<br>0.3      | 10,639<br>21.6 | 12,857<br>26   | 41<br>-         |                    |              |
| 5.            | 7,980<br>2.3         |                 | 3,505<br>43.9   | 4,432<br>55.6   | 43<br>0.5    |                    | 5,218<br>0.7         | 110<br>2.1      | 4,867<br>93.3   | 228<br>4.4      | 13<br>0.2       |                    | 29,243<br>4.4        | 1,069<br>3.7    | 20,142<br>68.9 | 8,032<br>27.4  | 52.1<br>-       |                    |              |
| 6.            | 12,172<br>3.6        | 7<br>0.1        | 8,475<br>69.6   | 3,686<br>30.3   | 4<br>-       |                    | 8,087<br>1.1         | 50<br>0.6       | 5,860<br>72.5   | 1,611<br>19.9   | 566<br>7        |                    | 30,661<br>4.6        | 297<br>1        | 18,628<br>60.8 | 10,777<br>35.1 | 105<br>0.3      |                    |              |
| 7.            | 7,625<br>2.2         | 8<br>0.1        | 3,335<br>43.8   | 4,280<br>56.1   | 2<br>-       |                    | 1,889<br>0.3         |                 | 1,845<br>97.7   | 44<br>2.3       |                 |                    | 2,084<br>0.3         | 83<br>3.9       | 1,172<br>56.5  | 807<br>38.6    | 22<br>1         |                    |              |
| 8.            | 7,873<br>2.2         | 323<br>4.1      | 3,014<br>38.3   | 4,510<br>57.3   | 26<br>0.3    | none mapped        |                      |                 |                 |                 |                 |                    | 2,616<br>0.4         | 12<br>0.5       | 1,765<br>67.5  | 839<br>32      |                 |                    |              |
| 9.            | 14,482<br>4.2        | 17<br>0.1       | 5,100<br>35.2   | 9,188<br>63.4   | 177<br>1.2   |                    | 7,671<br>1.2         | 443<br>5.8      | 5,682<br>74.1   | 1,492<br>19.4   | 54<br>0.7       |                    | 11,652<br>1.8        | 179<br>1.6      | 6,746<br>57.9  | 4,699<br>40.3  | 16<br>0.1       |                    |              |
| 10.           | 11,149<br>3.3        | 310<br>2.8      | 4,026<br>36.1   | 6,767<br>60.7   | 46<br>0.4    |                    | 32,041<br>4.3        | 252<br>0.8      | 18,162<br>56.7  | 13,423<br>41.9  | 184<br>0.6      | 20<br>-            | 4,088<br>0.6         | 163<br>4        | 1,134<br>27.8  | 2,782<br>68    | 2<br>0.2        |                    |              |
| 11.           | 3,458<br>1           | 182<br>5.3      | 2,145<br>62     | 1,131<br>32.7   |              |                    | 10,876<br>1.5        | 178<br>1.7      | 5,984<br>55     | 4,657<br>42.8   | 57<br>0.5       |                    | 10,906<br>1.6        | 70<br>0.6       | 3,971<br>36.4  | 6,841<br>62.8  | 24<br>2         |                    |              |
| 12.           | 4,371<br>1.3         |                 | 2,001<br>45.8   | 2,202<br>50.4   | 168<br>3.8   |                    | 8,739<br>1.2         | 2<br>-          | 5,864<br>67.1   | 2,501<br>28.6   | 372<br>4.3      |                    | 14,842<br>2.2        | 86<br>6         | 4,480<br>30.1  | 10,236<br>69   | 40<br>3         |                    |              |
| 13.           | 3,633<br>1           |                 | 1,049<br>28.9   | 2,386<br>65.7   | 198<br>5.4   |                    | 24,892<br>3.3        | 13<br>-         | 14,724<br>59.2  | 9,672<br>38.9   | 483<br>1.9      |                    | 25,700<br>3.9        | 53<br>0.2       | 5,205<br>20.3  | 20,430<br>79.5 | 12<br>-         |                    |              |
| 14.           | 2,175<br>0.6         | 15<br>0.7       | 1,433<br>65.9   | 610<br>28       | 117<br>5.4   |                    | 878<br>0.1           |                 | 545<br>62       | 333<br>38       |                 |                    | 1,583<br>0.2         | 55<br>3.6       | 1,237<br>78.1  | 280<br>17.6    | 11<br>0.7       |                    |              |
| 15.           | 1,351<br>0.4         | 824<br>61       | 495<br>36.6     | 32<br>2.3       |              |                    |                      |                 |                 |                 |                 |                    |                      |                 |                |                |                 |                    |              |
| 18.           | 2,609<br>0.8         | 576<br>22.1     | 1,376<br>52.7   | 657<br>25.2     |              |                    |                      |                 |                 |                 |                 |                    |                      |                 |                |                |                 |                    |              |
| 19.           | 3,549<br>1           | 975<br>27.5     | 1,392<br>39.2   | 1,178<br>33.2   | 4<br>0.1     |                    |                      |                 |                 |                 |                 |                    |                      |                 |                |                |                 |                    |              |
| Total         | 344,410<br>100       | 5,218<br>1.5    | 201,686<br>58.6 | 120,022<br>34.8 | 1,553<br>0.5 |                    | 15,931<br>4.6        | 742,483<br>100  | 3,026<br>0.4    | 544,680<br>73.4 | 165,136<br>22.2 | 2,803<br>0.4       |                      | 26,838<br>3.6   | 662,345<br>100 | 6,587<br>1     | 288,843<br>43.6 | 337,864<br>51      | 2,448<br>0.4 |
|               |                      |                 |                 |                 |              |                    |                      |                 |                 |                 |                 |                    |                      |                 |                |                |                 | 26,603<br>4        |              |

APPENDIX 3.7: RANGE CONDITION SUMMARY BY AMP STATUS IN ACRES AND PERCENT

| AMP Status                    | Total Acres     |                 | Excellent    |              | Good            |                 | Fair            |                 | Poor        |             | Unclassified  |               |
|-------------------------------|-----------------|-----------------|--------------|--------------|-----------------|-----------------|-----------------|-----------------|-------------|-------------|---------------|---------------|
|                               | BLM             | Other           | BLM          | Other        | BLM             | Other           | BLM             | Other           | BLM         | Other       | BLM           | Other         |
| <b>Havre Resource Area</b>    |                 |                 |              |              |                 |                 |                 |                 |             |             |               |               |
| Existing AMPs                 | 68,784<br>20    | 70,039<br>22.5  | 265<br>.4    | 18           | 53,932<br>78.4  | 59,878<br>85.5  | 13,707<br>19.9  | 8,609<br>12.3   | 321<br>.5   | 320<br>.5   | 559<br>.8     | 1,214<br>1.7  |
| Proposed* AMPs                | 77,644<br>22.9  | 36,453<br>11.7  | 3,041<br>3.9 | 825<br>2.3   | 22,554<br>29    | 18,440<br>30.6  | 47,480<br>61.2  | 16,524<br>45.3  | 648<br>.8   | 58<br>.1    | 3,921<br>5.1  | 606<br>1.7    |
| Potential** AMPs              | 134,147<br>38.9 | 166,937<br>53.6 | 1,070<br>.8  | 136<br>.1    | 94,455<br>70.4  | 131,336<br>78.7 | 33,323<br>24.8  | 26,604<br>15.9  | 195<br>.2   | 337<br>.2   | 5,104<br>3.8  | 8,524<br>5.1  |
| Non-AMPs                      | 59,364<br>17.2  | 37,999<br>12.2  | 771<br>1.3   | 90           | 29,391<br>49.5  | 25,899<br>68.2  | 22,930<br>38.6  | 9,294<br>24.5   | 384<br>.7   |             | 5,888<br>9.9  | 2,715<br>7.1  |
| Unallocated                   | 4,471<br>1.3    | 273<br>.1       | 72<br>1.6    |              | 1,153<br>30.3   | 256<br>93.9     | 2,582<br>57.7   | 15<br>5.5       | 4<br>.1     |             | 460<br>10.3   | 2<br>.6       |
| Total                         | 344,410<br>100  | 311,701<br>100  | 5,219<br>1.5 | 1,069<br>.3  | 201,685<br>58.6 | 235,809<br>75.7 | 120,022<br>34.8 | 61,046<br>19.6  | 1,552<br>.5 | 715<br>.2   | 15,932<br>4.6 | 13,062<br>4.2 |
| <b>Valley Resource Area</b>   |                 |                 |              |              |                 |                 |                 |                 |             |             |               |               |
| Existing AMPs                 | 214,572<br>32.4 | 64,649<br>24.7  | 2,353<br>1   | 657<br>1     | 86,091<br>40.1  | 33,991<br>52.6  | 116,338<br>54.2 | 28,733<br>44.4  | 486<br>.2   | 95<br>.2    | 9,304<br>4.3  | 1,173<br>1.8  |
| Proposed* AMPs                | 257,699<br>38.9 | 82,939<br>31.6  | 858<br>.3    | 406<br>.5    | 90,048<br>34.9  | 34,751<br>41.9  | 154,015<br>59.8 | 46,083<br>55.6  | 245<br>.1   | 123<br>.1   | 12,533<br>4.9 | 1,576<br>1.9  |
| Potential** AMPs              | 151,468<br>22.9 | 78,269<br>29.9  | 2,607<br>1.7 | 2,836<br>3.6 | 90,320<br>59.6  | 43,270<br>55.3  | 53,052<br>35.1  | 31,510<br>40.3  | 1,269<br>.8 | 16<br>.1    | 4,220<br>2.8  | 637<br>.8     |
| Non-AMPs                      | 37,792<br>5.7   | 36,022<br>13.8  | 748<br>2     | 413<br>1.1   | 21,940<br>58    | 18,136<br>50.3  | 14,173<br>37.5  | 17,304<br>45.7  | 385<br>.1   | 24<br>.1    | 546<br>1.4    | 145<br>.4     |
| Unallocated                   | 814<br>.1       |                 | 21<br>2.6    |              | 444<br>54.5     |                 | 286<br>35.1     |                 | 63<br>7.8   |             |               |               |
| Total                         | 662,345<br>100  | 261,879<br>100  | 6,587<br>1   | 4,312<br>1.7 | 288,843<br>43.6 | 130,148<br>49.7 | 337,864<br>51   | 123,630<br>47.2 | 2,448<br>.4 | 258<br>.1   | 26,603<br>4   | 3,531<br>1.3  |
| <b>Phillips Resource Area</b> |                 |                 |              |              |                 |                 |                 |                 |             |             |               |               |
| Existing AMPs                 | 275,630<br>37.1 | 122,562<br>40.2 | 2,131<br>.8  | 1,046<br>.8  | 193,983<br>70.3 | 78,665<br>64.2  | 68,511<br>24.8  | 39,436<br>32.2  | 1,831<br>.7 | 693<br>.6   | 9,174<br>3.3  | 2,722<br>2.2  |
| Proposed* AMPs                | 119,666<br>16.1 | 44,117<br>14.5  |              |              | 73,820<br>61.4  | 26,580<br>60.2  | 37,448<br>31.3  | 16,239<br>36.8  | 321<br>.3   | 347<br>.8   | 8,077<br>6.7  | 951<br>2.2    |
| Potential** AMPs              | 322,130<br>43.5 | 130,581<br>42.8 | 895<br>.3    | 383<br>.3    | 259,165<br>80.4 | 102,629<br>78.6 | 52,729<br>16.4  | 24,090<br>18.4  | 639<br>.2   | 124<br>.1   | 8,702<br>2.7  | 3,355<br>2.6  |
| Non-AMPs                      | 24,097<br>3.2   | 7,517<br>2.5    |              |              | 16,752<br>69.5  | 4,406<br>58.6   | 6,448<br>26.8   | 2,553<br>34     | 12<br>.5    | 35<br>.3    | 885<br>3.7    | 523<br>6.9    |
| Unallocated                   | 960<br>.1       |                 | 960<br>100   |              |                 |                 |                 |                 |             |             |               |               |
| Total                         | 742,483<br>100  | 304,777<br>100  | 3,026<br>.4  | 1,429<br>.5  | 544,680<br>73.4 | 212,280<br>69.5 | 165,136<br>22.2 | 82,318<br>27    | 2,803<br>.4 | 1,199<br>.4 | 26,838<br>3.6 | 7,551<br>2.4  |

\* Proposed AMPs in Alternative B (also in A, C and D).

\*\* Proposed AMPs in Alternative A, C and D.

## APPENDIX 3.8: EXISTING AMPs; ACRES, GRAZING SYSTEMS, AND TREND

| Havre Resource Area |                         |           |                |        |   |                  | Phillips Resource Area  |           |                |        |                 |  |  |
|---------------------|-------------------------|-----------|----------------|--------|---|------------------|-------------------------|-----------|----------------|--------|-----------------|--|--|
| Allotment Number    | Allotment Name          | BLM Acres | Grazing System | Trend  | Remarks   | Allotment Number | Allotment Name          | BLM Acres | Grazing System | Trend  | Remarks         |  |  |
| 6010                | East Fork               | 2,019.9   | RR             | up     |   | 5001             | Border                  | 1,847.6   | RR             | static |                 |  |  |
| 6011                | Scalotte Coulee         | 3,512.1   | RR             | up     |   | 5002             | North Woody Island      | 7,384     | RR             | up     |                 |  |  |
| 6012                | Border                  | 9,108.8   | RR             | up     |   | 5008             | Sunny Slope             | 3,165.9   | RR             | up     |                 |  |  |
| 6014                | Silver Bow              | 7,899.9   | C              | up     |   | 5017             | International           | 4,250.2   | RR             | static |                 |  |  |
| 6018                | Nace                    | 1,594.1   | RR             | up     | With Silver Bow AMP                                     | 5030             | Dunham Coulee           | 2,797.1   | RR             | up     |                 |  |  |
| 6022                | Upper Woody Island      | 2,478.5   | DR             | static |   | 5032             | John Coulee             | 399.8     | S              | static |                 |  |  |
| 6024                | North Woody Island      | 1,882.8   | RR             | up     | Part of #5002   | 5034             | Plainview               | 4,845.8   | RR             | up     |                 |  |  |
| 6047                | Mud Lake                | 2,358.4   | C              | static |   | 5036             | Whitewater Lake         | 7,588.5   | RR             | static |                 |  |  |
| 6055                | Lower Chouteau Coulee   | 1,084     | DR             | up     |   | 5037             | Lone Tree Coulee        | 7,092.1   | RR             | up     |                 |  |  |
| 6062                | Wood Coulee             | 12,327    | C              | static |   | 5038             | Reservoir               | 1,083     | DR             | up     |                 |  |  |
|                     |                         |           |                |        | Includes 11 different systems, four are in upward trend | 5051             | Woody Island            | 12,114.9  | RR             | static |                 |  |  |
|                     |                         |           |                |        |   | 5065             | East Fork Whitewater    | 6,100     | RR             | up     |                 |  |  |
|                     |                         |           |                |        |   | 5069             | Upper West Coulee       | 1,900.7   | RR             | static |                 |  |  |
| 6063                | Windbreak               | 1,275.1   | RR             | up     |   | 5085             | Coy Coulee              | 7,799.5   | S              | up     |                 |  |  |
| 6067                | Windmill                | 6,18.8    | DR             | static |   | 5087             | Joe Bell Coulee         | 6,915.9   | RR             | static |                 |  |  |
| 6071                | Hanson Flat             | 3,362.3   | C              | static |   | 5089             | Martine Coulee          | 14,214.1  | RR             | static |                 |  |  |
| 6074                | Williams Bench          | 642.7     | DR             | static |   | 5093             | Lambing Coulee          | 9,942.6   | RR             | up     |                 |  |  |
| 6075                | Loon Coulee             | 3,578.6   | RR             | static |   | 5096             | Lamere Coulee           | 14,999.6  | RR             | static |                 |  |  |
| 6099                | Ripon Coulee            | 5,684.9   | DR             | up     |   | 5109             | West Carland Creek      | 5,029.5   | DR             | up     |                 |  |  |
| 6111                | Zurich Bench            | 3,081.9   | RR             | up     |   | 5110             | East Carland Creek      | 6,086.7   | DR             | up     |                 |  |  |
| 6115                | Unit II Wood Coulee     | 160       | DR             | static |   | 5111             | Little Cottonwood Creek | 4,915.4   | RR             | up     |                 |  |  |
| 6230                | Horse Corral Coulee     | 2,881.1   | RR             | up     |   | 5115             | Big Bend                | 1,460.3   | DR             | up     |                 |  |  |
| 6231                | Fifteen Mile            | 1,524.3   | DR             | static |   | 5329             | Cow Creek               | 963       | DR             | static |                 |  |  |
| 6232                | Thirty Mile             | 718.5     | S              | up     |   | 5339             | Crooks Coulee           | 3,138.8   | RR             | up     |                 |  |  |
| 6243                | Big Bend                | 590.2     | D              | static |   | 5344             | Forth Creek             | 4,638.6   | RR             | up     |                 |  |  |
|                     |                         | 68,783.7  |                |        |   | 5345             | Sage Creek              | 1,475.7   | DR             | up     |                 |  |  |
|                     |                         |           |                |        |   | 5348#            | Coon Coulee             | 1,159.6   | RR             | down   | Part of 4525    |  |  |
|                     |                         |           |                |        |   | 5363             | Black Coulee            | 1,541.8   | RR             | up     |                 |  |  |
|                     |                         |           |                |        |   | 5368             | Beavers                 | 879.6     | RR             | static |                 |  |  |
|                     |                         |           |                |        |   | 5374             | Halfway Coulee          | 2,200.1   | C              | static |                 |  |  |
| 4000                | Upper Crow Creek        | 4,501.8   | DR             | static |   | 5387             | West Alkalai Creek      | 9,613.7   | RR             | static |                 |  |  |
| 4002                | Upper Bluff Creek       | 3,097.2   | DR             | static |   | 5388             | Rudolph Coulee          | 7,021.4   | RR             | up     |                 |  |  |
| 4003                | Upper E. Fk. Crow Creek | 5,604.3   | RR             | N.E.   |   | 5407             | Albert Coulee           | 3,103     | RR             | up     |                 |  |  |
| 4008                | W. Fork Bluff Creek     | 4,052.9   | DR             | static |   | 5408             | Trueblood Coulee        | 12,990.5  | RR             | static | Not implemented |  |  |
| 4022                | Lower Bluff Creek       | 4,494.4   | RR             | N.E.   |   | 5415             | Overflow Coulee         | 8,446     | RR             | static |                 |  |  |
| 4041                | Anderson-Ojvel          | 17,216.7  | RR             | static |   | 5417             | Whiterock Coules        | 17,915.8  | RR             | up     |                 |  |  |
| 4053                | East Fork Willow Creek  | 15,645.5  | RR             | N.E.   |   | 5427             | North Flat Creek        | 16,431    | RR             | static |                 |  |  |
| 4078                | Upper Lime Creek        | 3,143.1   | RR             | down   |   | 5428             | Rheumatism Coulee       | 3,079.6   | RR             | static | Not implemented |  |  |
| 4301                | Upper Buggy Creek       | 8,168.1   | RR             | N.E.   |   | 5429             | Spring Creek            | 13,671.1  | DR             | up     |                 |  |  |
| 4525                | Coon Coulee             | 2,146.1   | RR             | down   |   | 5432             | Upper Bluff Coulee      | 5,557.2   | C              | static | Not implemented |  |  |
| 4548                | Bee Elder Creek         | 12,717.1  | RR             | up     |   | 5437             | Sage Creek              | 3,125.1   | RR             | up     |                 |  |  |
| 4563                | Coyote Creek            | 6,287.8   | RR             | down   |   | 5439             | Flat Creek              | 13,041.7  | RR             | up     |                 |  |  |
| 4571                | Cran Coulee             | 15,151.5  | RR             | up     |   | 5440             | West Flat Creek         | 8,950.8   | RR             | up     |                 |  |  |
| 4704                | McLain Creek            | 22,894.3  | RR             | static |   | 5441             | Lower Alkalai Coulee    | 8,959.6   | RR             | up     |                 |  |  |
| 4756                | Lower Willow Creek      | 5,312.6   | DR             | N.E.   |   | 5443             | First Creek Hall        | 4,094.7   | RR             | up     |                 |  |  |
| 4760                | Upper McElchran Creek   | 3,725.3   | RR             | down   |   | 5445             | Upper First Creek       | 4,186.8   | RR             | up     |                 |  |  |
| 4761                | Davidson Coulee         | 5,295.5   | RR             | static |   | 5454             | Dog Creek               | 2,024.6   | S              | down   |                 |  |  |
| 4768                | Icechip Creek           | 10,894.6  | RR             | up     | (47)  |                  |                         | 275,630   |                |        |                 |  |  |
| 4713                | Lower Crow Creek        | 3,413.7   | RR             | static |   |                  |                         |           |                |        |                 |  |  |
| 4715                | East Rock Creek         | 1,912.8   | DR             | up     |   |                  |                         |           |                |        |                 |  |  |
| 4716                | Jones Coulee            | 3,670.8   | RR             | N.E.   |   |                  |                         |           |                |        |                 |  |  |
| 4718                | Upper Willow Creek      | 26,222.5  | DR             | static |   |                  |                         |           |                |        |                 |  |  |
| 4723                | Little Papoose Creek    | 8,865.9   | RR             | static |   |                  |                         |           |                |        |                 |  |  |
| 4726                | Eagles Nest Coulee      | 18,073.9  | RR             | up     |   |                  |                         |           |                |        |                 |  |  |
|                     |                         | 214,571.8 |                |        |   |                  |                         |           |                |        |                 |  |  |

Technical Note 283 (Duff, D. A. and Cooper, J. L. 1976 Technical Note 283: U.S.D.I., HLM) was used to conduct stream habitat surveys in the Prairie Potholes EIS area. TN-283 was modified for these surveys by changing the vegetation classes for streambank cover as defined on page 17 of that document.

The four vegetation classes and the specific criteria used for ocular evaluation in the EIS area are:

Class 1 (4 points) Rather than "Forested"

- a. if the streambank is medium to densely covered (more than 30 percent canopy cover) with trees and an understory of shrubs, forbs and grasses.
- b. or is a medium to densely covered streambank (more than 50 percent cover) with riparian vegetation and the remainder of the vegetation is composed of other woody types or trees.
- c. or is a densely covered streambank (more than 80 percent cover) with a mixture of shrubs, forbs and grasses (Chapter 3, "Riparian Vegetation") and the remainder of vegetation is riparian vegetation or trees.
- d. or is a very densely covered streambank (more than 90 percent cover) with tall grasses (e.g. prairie cordgrass) or mid grasses (e.g. green needlegrass) as dominant vegetation.
- e. with less than 10 percent of bank barren of vegetative cover. (Includes bare soil, rocks, etc.)

Class 2 (3 points) Rather than "Brush"

- a. if the streambank is lightly covered (10 to 30 percent canopy cover) with trees and an understory of shrubs, forbs and grasses.
- b. or is a lightly covered streambank (20 to 50 percent cover) with riparian vegetation and the remainder of the vegetation is composed of woody type vegetation and grasses.
- c. or is a medium to densely covered streambank (50 to 80 percent cover) with a woody type mixture of shrubs, forbs and grasses, (Chapter 3, "Riparian Vegetation") and the remainder of the vegetation is riparian vegetation and trees.
- d. or is a densely covered streambank (60 to 90 percent cover) with tall grasses or mid grasses as dominant vegetation.
- e. with less than 25 percent of bank barren of vegetative cover. (Includes bare soil, rocks, etc.)

Class 3 (2 points) Rather than "Grass"

- a. if the streambank has less than 10 percent tree canopy cover and has a lightly to mediumly covered streambank (10 to 25 percent cover) with riparian vegetation.
- b. or is a lightly to mediumly covered streambank (20 to 50 percent cover) with a mixture of shrubs, forbs and grasses (Chapter 3, "Riparian Vegetation") and the remainder of the vegetation is riparian vegetation and trees.
- c. or is a mediumly covered streambank (45 to 60 percent cover) with tall grasses or mid grasses as dominant vegetation.
- d. with less than 50 percent of streambank barren of vegetative cover.

Class 4 (1 point) Rather than "Exposed"

- a. if the streambank has less than 1 percent canopy cover of decadent trees and is lightly covered (less than 20 percent cover) with a mixture of mesic shrubs, forbs and grasses, or riparian vegetation.
- b. or is a lightly covered streambank (less than 45 percent cover) with short grasses (e.g. blue grama) and mid grasses (e.g. western wheatgrass) as dominant vegetation.
- c. with more than 50 percent of streambank barren of vegetative cover regardless of kind of shrubs, forbs and grasses.

## APPENDIX 3.10: WILDLIFE SPECIES LIST

### MAMMALS

| Common Name                   | Scientific Name                      | Common Name              | Scientific Name                |
|-------------------------------|--------------------------------------|--------------------------|--------------------------------|
| Masked Shrew                  | <i>Sorex cinereus</i>                | Montane Vole             | <i>Microtus montanus</i>       |
| Merriam Shrew                 | <i>Sorex merriami</i>                | House Mouse              | <i>Mus musculus</i>            |
| Preble Shrew                  | <i>Sorex preblei</i>                 | Norway Rat               | <i>Rattus norvegicus</i>       |
| Vagrant Shrew                 | <i>Sorex vagrans</i>                 | Western Jumping Mouse    | <i>Zapus princeps</i>          |
| Long-legged Myotis            | <i>Myotis volans</i>                 | Whitetail Jackrabbit     | <i>Lepus townsendi</i>         |
| Little Brown Myotis           | <i>Myotis lucifugus</i>              | Mountain Cottontail      | <i>Sylvilagus nuttalli</i>     |
| Little Long-eared Bat         | <i>Myotis evotis</i>                 | Desert Cottontail        | <i>Sylvilagus auduboni</i>     |
| Small-footed Myotis           | <i>Myotis leibii</i>                 | Porcupine                | <i>Erethizon dorsatum</i>      |
| Big Brown Bat                 | <i>Eptesicus fuscus</i>              | Rocky Mountain Elk       | <i>Cervus canadensis</i>       |
| Hoary Bat                     | <i>Lasiorus cinereus</i>             | Mule Deer                | <i>Odocoileus hemionus</i>     |
| Big-eared Bat                 | <i>Plecotus townsendii</i>           | White-tailed Deer        | <i>Odocoileus virginianus</i>  |
| Silver-Haired Bat             | <i>Lasionycteris noctivagans</i>     | Pronghorn Antelope       | <i>Antilocapra americana</i>   |
| Raccoon                       | <i>Procyon lotor</i>                 |                          |                                |
| Short-tailed Weasel           | <i>Mustela erminea</i>               |                          |                                |
| Long-tailed Weasel            | <i>Mustela frenata</i>               |                          |                                |
| Least Weasel                  | <i>Mustela rixosa</i>                |                          |                                |
| Mink                          | <i>Mustela vison</i>                 |                          |                                |
| * Black-footed Ferret         | <i>Mustela nigripes</i>              |                          |                                |
| Wolverine                     | <i>Gulo luscus</i>                   |                          |                                |
| Stripped Skunk                | <i>Mephitis mephitis</i>             |                          |                                |
| Badger                        | <i>Taxidea taxus</i>                 | Plains Spadefoot         | <i>Scaphiopus bombifrons</i>   |
| River Otter                   | <i>Lutra canadensis</i>              | Great Plains Toad        | <i>Bufo cognatus</i>           |
| Red Fox                       | <i>Vulpes fulva</i>                  | Dakota Toad              | <i>Bufo hemiophrys</i>         |
| Coyote                        | <i>Canis latrans</i>                 | Rocky Mountain Toad      | <i>Bufo woodhousei</i>         |
| * Gray Wolf                   | <i>Canis lupus</i>                   | Boreal Chorus Frog       | <i>Pseudacris triseriata</i>   |
| Cougar                        | <i>Felis concolor</i>                | Leopard Frog             | <i>Rana pipiens</i>            |
| * Canada Lynx                 | <i>Lynx canadensis</i>               | Tiger Salamander         | <i>Ambystoma tigrinum</i>      |
| Bobcat                        | <i>Lynx rufus</i>                    |                          |                                |
| Richardson Ground Squirrel    | <i>Spermophilus richardsonii</i>     |                          |                                |
| Thirteen-line Ground Squirrel | <i>Spermophilus tridecemlineatus</i> |                          |                                |
| Black-tailed Prairie Dog      | <i>Cynomys ludovicianus</i>          | Prairie Rattlesnake      | <i>Crotalus viridis</i>        |
| Least Chipmunk                | <i>Eutamias minimus</i>              | Bull Snake               | <i>Pituophis catenifer</i>     |
| Northern Pocket Gopher        | <i>Thomomys talpoides</i>            | *Plains Hognose Snake    | <i>Heterodon nasicus</i>       |
| Wyoming Pocket Mouse          | <i>Perognathus fasciatus</i>         | Racer                    | <i>Coluber constrictor</i>     |
| Ord Kangaroo Rat              | <i>Dipodomys ordi</i>                | Western Garter Snake     | <i>Thamnophis elegans</i>      |
| Beaver                        | <i>Castor canadensis</i>             | Plains Garter Snake      | <i>Thamnophis radix</i>        |
| Northern Grasshopper Mouse    | <i>Onychomys leucogaster</i>         | Common Garter Snake      | <i>Thamnophis sirtalis</i>     |
| Western Harvest Mouse         | <i>Reithrodontomys megalotis</i>     | Painted Turtle           | <i>Chrysemys picta</i>         |
| Deer Mouse                    | <i>Peromyscus maniculatus</i>        | *Western Spiny Softshell | <i>Trionyx spiniferus</i>      |
| White-footed Mouse            | <i>Peromyscus leucopus</i>           | Short-horned Lizard      | <i>Phrynosoma douglassi</i>    |
| Bushy-tailed Woodrat          | <i>Neotoma cinerea</i>               | Sagebrush Lizard         | <i>Sceloporus graciosus</i>    |
| Meadow Vole                   | <i>Microtus pennsylvanicus</i>       | *Milk Snake              | <i>Lampropeltis triangulum</i> |
| Prairie Vole                  | <i>Microtus ochrogaster</i>          | *Common Snapping Turtle  | <i>Chelydra serpentina</i>     |
| Sagebrush Vole                | <i>Lagurus curtatus</i>              |                          |                                |
| Muskrat                       | <i>Ondatra zibethica</i>             |                          |                                |

\* Endangered

x Species of special concern to Montana Department of Fish, Wildlife and Parks, 1979.

o Introduced species

### AMPHIBIANS

| Common Name         | Scientific Name              |
|---------------------|------------------------------|
| Plains Spadefoot    | <i>Scaphiopus bombifrons</i> |
| Great Plains Toad   | <i>Bufo cognatus</i>         |
| Dakota Toad         | <i>Bufo hemiophrys</i>       |
| Rocky Mountain Toad | <i>Bufo woodhousei</i>       |
| Boreal Chorus Frog  | <i>Pseudacris triseriata</i> |
| Leopard Frog        | <i>Rana pipiens</i>          |
| Tiger Salamander    | <i>Ambystoma tigrinum</i>    |

### REPTILES

| Common Name              | Scientific Name                |
|--------------------------|--------------------------------|
| Prairie Rattlesnake      | <i>Crotalus viridis</i>        |
| Bull Snake               | <i>Pituophis catenifer</i>     |
| *Plains Hognose Snake    | <i>Heterodon nasicus</i>       |
| Racer                    | <i>Coluber constrictor</i>     |
| Western Garter Snake     | <i>Thamnophis elegans</i>      |
| Plains Garter Snake      | <i>Thamnophis radix</i>        |
| Common Garter Snake      | <i>Thamnophis sirtalis</i>     |
| Painted Turtle           | <i>Chrysemys picta</i>         |
| *Western Spiny Softshell | <i>Trionyx spiniferus</i>      |
| Short-horned Lizard      | <i>Phrynosoma douglassi</i>    |
| Sagebrush Lizard         | <i>Sceloporus graciosus</i>    |
| *Milk Snake              | <i>Lampropeltis triangulum</i> |
| *Common Snapping Turtle  | <i>Chelydra serpentina</i>     |

## BIRDS

| Common Name               | Scientific Name                  | Common Name            | Scientific Name                    |
|---------------------------|----------------------------------|------------------------|------------------------------------|
| Common Loon               | <i>Gavia immer</i>               | Merlin                 | <i>Falco columbarius</i>           |
| Red-Necked Grebe          | <i>Podiceps grisegena</i>        | Sharp-Tailed Grouse    | <i>Pediocetes phasianellus</i>     |
| Horned Grebe              | <i>Podiceps auritus</i>          | Sage Grouse            | <i>Centrocercus urophasianus</i>   |
| Eared Grebe               | <i>Podiceps nigricollis</i>      | Ring-Nickled Pheasant  | <i>Phasianus colchicus</i>         |
| Western Grebe             | <i>Aechmophorus occidentalis</i> | Blue Grouse            | <i>Dendragapus obscurus</i>        |
| Pied-Billed Grebe         | <i>Podilymbus podiceps</i>       | Ruffed Grouse          | <i>Bonasa umbellus</i>             |
| White Pelican             | <i>Pelecanus erythrorhynchos</i> | Turkey                 | <i>Meleagris gallopavo</i>         |
| Double-Crested Cormorant  | <i>Phalacrocorax auritus</i>     | Gray Partridge         | <i>Perdix perdix</i>               |
| Great Blue Heron          | <i>Ardea herodias</i>            | S Sandhill Crane       | <i>Grus canadensis</i>             |
| Snowy Egret               | <i>Egretta thula</i>             | *Whooping Crane        | <i>Grus americana</i>              |
| Black-Crowned Night Heron | <i>Nycticorax nycticorax</i>     | Virginia Rail          | <i>Rallus limicola</i>             |
| American Bittern          | <i>Botaurus lentiginosus</i>     | Sora                   | <i>Porzana carolina</i>            |
| White-Faced Ibis          | <i>Plegadis chihi</i>            | American Coot          | <i>Fulica americana</i>            |
| Whistling Swan            | <i>Olor columbianus</i>          | *Mountain Plover       | <i>Charadrius montanus</i>         |
| Canada Goose              | <i>Branta canadensis</i>         | Semipalmated Plover    | <i>Charadrius semipalmatus</i>     |
| White-Fronted Goose       | <i>Anser albifrons</i>           | Piping Plover          | <i>Charadrius melanotos</i>        |
| Snow Goose                | <i>Chen caerulescens</i>         | Killdeer               | <i>Charadrius vociferus</i>        |
| Ross' Goose               | <i>Chen rossii</i>               | American Golden Plover | <i>Pluvialis dominica</i>          |
| Mallard                   | <i>Anas platyrhynchos</i>        | Black-Bellied Plover   | <i>Pluvialis squatarola</i>        |
| Black Duck                | <i>Anas rubripes</i>             | Ruddy Turnstone        | <i>Arenaria interpres</i>          |
| Gadwall                   | <i>Anas strepera</i>             | Common Snipe           | <i>Capella gallinago</i>           |
| Pintail                   | <i>Anas acuta</i>                | *Long-Billed Curlew    | <i>Numenius americanus</i>         |
| Green-Winged Teal         | <i>Anas crecca</i>               | Upland Sandpiper       | <i>Bartramia longicauda</i>        |
| Blue-Winged Teal          | <i>Anas discors</i>              | Solitary Sandpiper     | <i>Tringa solitaria</i>            |
| Cinnamon Teal             | <i>Anas cyanoptera</i>           | Spotted Sandpiper      | <i>Actitis macularia</i>           |
| American Wigeon           | <i>Anas americana</i>            |                        | <i>Catoptrophorus semipalmatus</i> |
| Northern Shoveler         | <i>Anas clypeata</i>             | Greater Yellowlegs     | <i>Tringa melanoleuca</i>          |
| Wood duck                 | <i>Aix sponsa</i>                | Lesser Yellowlegs      | <i>Tringa flavipes</i>             |
| Redhead                   | <i>Aythya americana</i>          | Pectoral Sandpiper     | <i>Calidris melanotos</i>          |
| Ring-necked Duck          | <i>Aythya collaris</i>           | White-Rumped Sandpiper | <i>Calidris fuscicollis</i>        |
| Canvasback                | <i>Aythya valisineria</i>        | Baird's Sandpiper      | <i>Calidris bairdii</i>            |
| Lesser Scaup              | <i>Aythya affinis</i>            | Least Sandpiper        | <i>Calidris minutilla</i>          |
| Common Goldeneye          | <i>Bucephala clangula</i>        | Western Sandpiper      | <i>Calidris mauri</i>              |
| Barrow's Goldeneye        | <i>Bucephala islandica</i>       | Short-Billed Dowitcher | <i>Limnodromus griseus</i>         |
| Bufflehead                | <i>Bucephala albeola</i>         | Long-Billed Dowitcher  | <i>Limnodromus scolopaceus</i>     |
| White-winged Scoter       | <i>Melanitta deglandi</i>        | Stilt Sandpiper        | <i>Calidris himantopus</i>         |
| Ruddy Duck                | <i>Oxyura jamaicensis</i>        | Semipalmated Sandpiper | <i>Calidris pusilla</i>            |
| Hooded Merganser          | <i>Lophodytes cucullatus</i>     | Marbled Godwit         | <i>Limos fedoa</i>                 |
| Common Merganser          | <i>Mergus merganser</i>          | Sanderling             | <i>Calidris alba</i>               |
| Red-Breasted Merganser    | <i>Mergus serrator</i>           | American Avocet        | <i>Recurvirostra americana</i>     |
| * Goshawk                 | <i>Accipiter gentilis</i>        | Black-Necked Stilt     | <i>Himantopus mexicanus</i>        |
| Sharp-Shinned Hawk        | <i>Accipiter cooperii</i>        | Red Phalarope          | <i>Phalaropus fulicarius</i>       |
| * Cooper's Hawk           | <i>Buteo jamaicensis</i>         | Wilson's Phalarope     | <i>Steganopus tricolor</i>         |
| Red-Tailed Hawk           | <i>Buteo swainsoni</i>           | Northern Phalarope     | <i>Lobipes lobatus</i>             |
| Broad-Winged Hawk         | <i>Buteo lagopus</i>             | Herring Gull           | <i>Larus argentatus</i>            |
| * Swainson's Hawk         | <i>Buteo regalis</i>             | California Gull        | <i>Larus californicus</i>          |
| Rough-Legged Hawk         | <i>Aquila chrysaetos</i>         | Ring-Billed Gull       | <i>Larus delawarensis</i>          |
| * Ferruginous Hawk        | <i>Haliaeetus leucocephalus</i>  | Franklin's Gull        | <i>Larus pipixcan</i>              |
| * Golden Eagle            | <i>Cirrus cyaneus</i>            | Bonaparte's Gull       | <i>Larus philadelphicus</i>        |
| * Bald Eagle              | <i>Falco mexicanus</i>           | Forster's Tern         | <i>Sterna forsteri</i>             |
| Marsh Hawk                | <i>Falco peregrinus</i>          | Common Tern            | <i>Sterna hirundo</i>              |
| Prairie Falcon            | <i>Falco rusticolus</i>          | Black Tern             | <i>Chlidonias niger</i>            |
| * Peregrine Falcon        | <i>Pandion haliaetus</i>         | Mourning Dove          | <i>Zenaidura macroura</i>          |
| Cyr Falcon                | <i>Falco sparverius</i>          | Rock Dove              | <i>Columba livia</i>               |
| * Osprey                  |                                  | Yellow-Billed Cuckoo   | <i>Coccyzus americanus</i>         |
| American Kestrel          |                                  | Black-Billed Cuckoo    | <i>Coccyzus erythrophthalmus</i>   |

## BIRDS continued

| Common Name                 | Scientific Name                      | Common Name             | Scientific Name                  |
|-----------------------------|--------------------------------------|-------------------------|----------------------------------|
| Barn Owl                    | <i>Tyro alba</i>                     | Red-Winged Blackbird    | <i>Agelaius phoeniceus</i>       |
| Screech Owl                 | <i>Otus asio</i>                     | Orchard Oriole          | <i>Icterus spurius</i>           |
| Great Horned Owl            | <i>Bubo virginianus</i>              | Northern Oriole         | <i>Icterus galbula</i>           |
| Snowy Owl                   | <i>Nyctea scandiaca</i>              | Rusty Blackbird         | <i>Euphaga carolinus</i>         |
| Burrowing Owl               | <i>Athene cunicularia</i>            | Brewer's Blackbird      | <i>Euphaga cyanocephalus</i>     |
| Long-Eared Owl              | <i>Asio otus</i>                     | Common Grackle          | <i>Quiscalus quiscula</i>        |
| Short-Eared Owl             | <i>Asio flammeus</i>                 | Brown-Headed Cowbird    | <i>Molothrus ater</i>            |
| * Saw-Whet Owl              | <i>Aegolius acadicus</i>             | Western Tanager         | <i>Piranga lucoviciana</i>       |
| Poor-Will                   | <i>Phalaenoptilus nuttallii</i>      | Rose-Breasted Grosbeak  | <i>Pheucticus ludovicianus</i>   |
| Common Nighthawk            | <i>Chordeiles minor</i>              | Black-Headed Grosbeak   | <i>Pheucticus melanocephalus</i> |
| White-Throated Swift        | <i>Aeronautes saxatilis</i>          | Blue Grosbeak           | <i>Guiraca caerulea</i>          |
| Chimney Swift               | <i>Chaetura pelasgica</i>            | Evening Grosbeak        | <i>Hesperiphona vespertina</i>   |
| Ruby-Throated Hummingbird   | <i>Archilochus colubris</i>          | Pine Grosbeak           | <i>Pinicola enucleator</i>       |
| Belted Kingfisher           | <i>Mergaceryle alcyon</i>            | Indigo Bunting          | <i>Passerina cyanea</i>          |
| Common Flicker              | <i>Colaptes auratus</i>              | Dickcissel              | <i>Spiza americana</i>           |
| Red-Headed Woodpecker       | <i>Melanerpes erythrocephalus</i>    | Lazuli Bunting          | <i>Passerina amoena</i>          |
| Lewis Woodpecker            | <i>Melanerpes lewis</i>              | Purple Finch            | <i>Carpodacus purpureus</i>      |
| Yellow-Bellied Sapsucker    | <i>Sphyrapicus varius</i>            | Gray-Crowned Rosy Finch | <i>Leucosticte tephrocotis</i>   |
| Hairy Woodpecker            | <i>Picoides villosus</i>             | Black Rosy Finch        | <i>Leucosticte atrata</i>        |
| Downy Woodpecker            | <i>Picoides pubescens</i>            | Hoary Redpoll           | <i>Carduelis hornemannii</i>     |
| Eastern Kingbird            | <i>Tyrannus tyrannus</i>             | Common Redpoll          | <i>Carduelis flammea</i>         |
| Western Kingbird            | <i>Tyrannus verticalis</i>           | Pine Siskin             | <i>Carduelis pinus</i>           |
| Scissor-tailed Flycatcher   | <i>Muscivora forficata</i>           | American Goldfinch      | <i>Carduelis tristis</i>         |
| Say's Phoebe                | <i>Sayornis saya</i>                 | Red Crossbill           | <i>Loxia curvirostra</i>         |
| Alder Flycatcher            | <i>Empidonax alnorum</i>             | Rufous-Sided Towhee     | <i>Pipilo erythrrophthalmus</i>  |
| Cedar Waxwing               | <i>Bombycilla cedrorum</i>           | Willow Flycatcher       | <i>Empidonax traillii</i>        |
| Northern Shrike             | <i>Lanius excubitor</i>              | Least Flycatcher        | <i>Empidonax minimus</i>         |
| Loggerhead Shrike           | <i>Lanius ludovicianus</i>           | Dusky Flycatcher        | <i>Empidonax oberholseri</i>     |
| Starling                    | <i>Sturnus vulgaris</i>              | Western Flycatcher      | <i>Empidonax difficilis</i>      |
| Solitary Vireo              | <i>Vireo solitarius</i>              | Western Wood Pewee      | <i>Contopus sordidulus</i>       |
| Red-Eyed Vireo              | <i>Vireo olivaceus</i>               | Horned Lark             | <i>Eremophila alpestris</i>      |
| Warbling Vireo              | <i>Vireo gilvus</i>                  | Violet-Green Swallow    | <i>Tachycineta thalassina</i>    |
| Black & White Warbler       | <i>Mniotilla varia</i>               | Tree Swallow            | <i>Iridoprocne bicolor</i>       |
| Tennessee Warbler           | <i>Vermivora peregrina</i>           | Bank Swallow            | <i>Riparia riparia</i>           |
| Orange-Crowned Warbler      | <i>Vermivora celata</i>              | Rough-Winged Swallow    | <i>Stelgidopteryx ruficollis</i> |
| Yellow Warbler              | <i>Dendroica petechia</i>            | Barn Swallow            | <i>Hirundo rustica</i>           |
| Yellow-Rumped Warbler       | <i>Dendroica coronata</i>            | Cliff Swallow           | <i>Petrochelidon pyrrhonota</i>  |
| Blackpoll Warbler           | <i>Dendroica striata</i>             | Purple Martin           | <i>Progne subis</i>              |
| Palm Warbler                | <i>Dendroica pinus</i>               | Blue Jay                | <i>Cyanocitta cristata</i>       |
| Ovenbird                    | <i>Seiurus aurocapillus</i>          | Pinyon Jay              | <i>Gymnorhinus cyanocephalus</i> |
| Northern Waterthrush        | <i>Seiurus noveboracensis</i>        | Gray Jay                | <i>Perisoreus canadensis</i>     |
| Mourning Warbler            | <i>Oporornis philadelphica</i>       | Black-Billed Magpie     | <i>Pica pica</i>                 |
| McGillivray's Warbler       | <i>Oporornis tolmiei</i>             | Clark's Nutcracker      | <i>Nucifraga columbiana</i>      |
| Common Yellowthroat         | <i>Geothlypis trichas</i>            | Common Crow             | <i>Corvus brachyrhynchos</i>     |
| Yellow-Breasted Chat        | <i>Icteria virens</i>                | Common Raven            | <i>Corvus corax</i>              |
| Wilson's Warbler            | <i>Wilsonia pusilla</i>              | Black-Capped Chickadee  | <i>Parus atricapillus</i>        |
| American Redstart           | <i>Setophaga ruticilla</i>           | Mountain Chickadee      | <i>Parus gambeli</i>             |
| House Sparrow               | <i>Passer domesticus</i>             | Dipper                  | <i>Cinclus mexicanus</i>         |
| * Bobolink                  | <i>Dolichonyx oryzivorus</i>         | White-Breasted Nuthatch | <i>Sitta carolinensis</i>        |
| Western Meadowlark          | <i>Sturnella neglecta</i>            | Red-Breasted Nuthatch   | <i>Sitta canadensis</i>          |
| Yellow-Headed Blackbird     | <i>Xanthocephalus xanthocephalus</i> | Brown Creeper           | <i>Certhia familiaris</i>        |
| Blackthroated Green Warbler | <i>Dendroica virens</i>              |                         |                                  |

## BIRDS continued

| Common Name             | Scientific Name               | Common Name                | Scientific Name                  |
|-------------------------|-------------------------------|----------------------------|----------------------------------|
| House Wren              | <i>Troglodytes aedon</i>      | Green-Tailed Towhee        | <i>Pipilo chlorurus</i>          |
| Long-Billed Marsh Wren  | <i>Cistothorus palustris</i>  | Lark Bunting               | <i>Calamospiza melanocorys</i>   |
| Short-Billed Marsh Wren | <i>Cistothorus platensis</i>  | Savannah Sparrow           | <i>Passerculus sandwichensis</i> |
| Rock Wren               | <i>Salpinctes obsoletus</i>   | Baird's Sparrow            | <i>Ammodramus bairdii</i>        |
| Mockingbird             | <i>Mimus polyglottus</i>      | Le Conte's Sparrow         | <i>Ammospiza lecontei</i>        |
| Gray Catbird            | <i>Dumetella carolinensis</i> | Sharp-Tailed Sparrow       | <i>Ammospiza caudacuta</i>       |
| Brown Thrasher          | <i>Taxostoma rufum</i>        | Vesper Sparrow             | <i>Pooecetes gramineus</i>       |
| Sage Thrasher           | <i>Oreoscoptes montanus</i>   | Lark Sparrow               | <i>Chondestes grammacus</i>      |
| American Robin          | <i>Turdus migratorius</i>     | Dark-Eyed Junco            | <i>Junco hyemalis</i>            |
| Varied Thrush           | <i>Ixoreus naevius</i>        | Gray-Headed Junco          | <i>Junco caniceps</i>            |
| Wood Thrush             | <i>Hylocichla mustelina</i>   | Tree Sparrow               | <i>Spizella arborea</i>          |
| Hermit Thrush           | <i>Catharus guttata</i>       | Chipping Sparrow           | <i>Spizella passerina</i>        |
| Swainson's Thrush       | <i>Catharus ustulata</i>      | Clay-Colored Sparrow       | <i>Spizella pallida</i>          |
| Gray-Cheeked Thrush     | <i>Catharus minimus</i>       | Brewer's Sparrow           | <i>Spizella breweri</i>          |
| Veery                   | <i>Catharus fuscescens</i>    | Field Sparrow              | <i>Spizella pusilla</i>          |
| Eastern Bluebird        | <i>Sialia sialis</i>          | Harris' Sparrow            | <i>Zonotrichia querula</i>       |
| Mountain Bluebird       | <i>Sialia currucoides</i>     | White-Crowned Sparrow      | <i>Zonotrichia leucophrys</i>    |
| Western Bluebird        | <i>Sialia mexicana</i>        | White-Throated Sparrow     | <i>Zonotrichia albicollis</i>    |
| Townsend's Solitaire    | <i>Myadestes townsendi</i>    | Fox Sparrow                | <i>Passerella iliaca</i>         |
| Blue-Grey Gnatcatcher   | <i>Polioptila caerulea</i>    | Lincoln's Sparrow          | <i>Melospiza lincolni</i>        |
| Golden-Crowned Kinglet  | <i>Regulus satrapa</i>        | Swamp Sparrow              | <i>Melospiza georgiana</i>       |
| Ruby-Crowned Kinglet    | <i>Regulus calendula</i>      | Song Sparrow               | <i>Melospiza melodia</i>         |
| Water Pipit             | <i>Motacilla spinotetta</i>   | McCown's Longspur          | <i>Calcarius mccownii</i>        |
| Sprague's Pipit         | <i>Anthus spragueii</i>       | Lapland Longspur           | <i>Calcarius lapponicus</i>      |
| Bohemian Waxwing        | <i>Bombycilla garrulus</i>    | Chestnut-Collared Longspur | <i>Calcarius ornatus</i>         |
|                         |                               | Snow Bunting               | <i>Plectrophenax nivalis</i>     |

| Common Name            | Scientific Name                 | FISH                | Common Name                        | Scientific Name |
|------------------------|---------------------------------|---------------------|------------------------------------|-----------------|
| Paddlefish             | <i>Polyodon spathula</i>        | Channel Catfish     | <i>Ictalurus punctatus</i>         |                 |
| Goldeye                | <i>Hiodon alosoides</i>         | Stone Cat           | <i>Noturus flavus</i>              |                 |
| Lake Whitefish         | <i>Coregonus clupeaformis</i>   | Burbot (Ling)       | <i>Lota lota</i>                   |                 |
| Rainbow Trout          | <i>Salvelinus gairdneri</i>     | Brook Stickleback   | <i>Culaea inconstans</i>           |                 |
| Brook Trout            | <i>Salvelinus fontinalis</i>    | • Pumpkinseed       | <i>Lepomis gibbosus</i>            |                 |
| Northem Pike           | <i>Esox lucius</i>              | • Bluegill          | <i>Lepomis macrochirus</i>         |                 |
| • Carp                 | <i>Cyprinus carpio</i>          | • Largemouth Bass   | <i>Micropterus salmoides</i>       |                 |
| Golden Shiner          | <i>Notemigonus crysoleucas</i>  | • White Crappie     | <i>Pomoxis annularis</i>           |                 |
| Pearl Dace             | <i>Semotilus marginata</i>      | • Black Crappie     | <i>Pomoxis nigromaculatus</i>      |                 |
| Northern Redbelly Dace | <i>Phoxinus eos</i>             | • Yellow Perch      | <i>Perca flavescens</i>            |                 |
| Finescale Dace         | <i>Phoxinus neogaeus</i>        | Sauger              | <i>Stizostedion canadense</i>      |                 |
| Flathead Chub          | <i>Hybopsis gracilis</i>        | • Walleye           | <i>Stizostedion vitreum</i>        |                 |
| Lake Chub              | <i>Couesius plumbeus</i>        | Iowa Darter         | <i>Etheostoma exile</i>            |                 |
| Emerald Shiner         | <i>Notropis atherinoides</i>    | Mottled Sculpin     | <i>Cottus bairdi</i>               |                 |
| Brassy Minnow          | <i>Hybognathus hankinsoni</i>   | • Smallmouth Bass   | <i>Micropterus dolomieu</i>        |                 |
| Silvery Minnow         | <i>Hybognathus nuchalis</i>     | Mountain Whitefish  | <i>Prosopium williamsoni</i>       |                 |
| Flathead Minnow        | <i>Pimephales promelas</i>      | Freshwater Drum     | <i>Aplodinotus grunniens</i>       |                 |
| Longnose Dace          | <i>Rhinichthys cataractae</i>   | Shovelnose Sturgeon | <i>Scaphirhynchus platorynchus</i> |                 |
| River Carpsucker       | <i>Carpoides carpio</i>         | • Brown Trout       | <i>Salmo trutta</i>                |                 |
| Smallmouth Buffalo     | <i>Ictiobus bubalus</i>         | • Goldfish          | <i>Carassius auratus</i>           |                 |
| Bigmouth Buffalo       | <i>Ictiobus cyprinellus</i>     | Plains Minnow       | <i>Hybognathus placitus</i>        |                 |
| Shorthead Redhorse     | <i>Moxostoma macrolepidotum</i> | Blue Sucker         | <i>Cyclopterus elongatus</i>       |                 |
| Longnose Sucker        | <i>Catostomus catostomus</i>    | Mountain Sucker     | <i>Catostomus platyrhynchus</i>    |                 |
| White Sucker           | <i>Catostomus commersoni</i>    | • Mosquitofish      | <i>Gambusia affinis</i>            |                 |
| • Black Bullhead       | <i>Ictalurus melas</i>          | • White Bass        | <i>Roccus chrysops</i>             |                 |
|                        |                                 | American Smelt      | <i>Osmerus Mordax</i>              |                 |

\* Introduced species.

APPENDIX 3.11 ESTIMATED POPULATION OF DEER, ANTELOPE AND ELK BY HUNTING UNIT ON  
PUBLIC LANDS IN THE EIS AREA<sup>1</sup>

| Hunting Unit | Deer  | Antelope     | Elk          |
|--------------|-------|--------------|--------------|
| 400          | 227   | 137          |              |
| 401          | 217   | 95           | 49           |
| 402          | 9     |              |              |
| 403          | 84    |              |              |
| 404          | 26    |              |              |
| 406          | 51    |              |              |
| 600          | 524   | 1,279        |              |
| 610          | 180   | 83           |              |
| 611          | 1,282 | 880          |              |
| 612          | 32    |              |              |
| 620          | 785   | 416          |              |
| 630          | 825   | 353          |              |
| 640          | 32    | 19           |              |
| 641          | 15    | 8            |              |
| 670          | 3,530 | 1,360        |              |
| 690          | 57    | 115          |              |
| 691          | 65    |              |              |
| TOTAL        | 733   | 76           | 49           |
|              |       | <u>8,017</u> | <u>4,754</u> |

1. Montana Department of Fish, Wildlife and Parks and BLM winter surveys  
from 1972-1979.

The management of prairie dog habitats on public lands in Montana, administered by the Bureau of Land Management (BLM), is a controversial issue because of the conflicting interests of a concerned public. More than 100 public comments were received in response to a draft Habitat Management Plan for the Prairie Dog Ecosystem distributed by BLM. This document was widely reviewed by citizens, private organizations and public agencies throughout the United States. Comments ranged from those favoring total preservation of prairie dogs to those advocating large scale population reductions.

BLM policy for managing prairie dog habitat was formulated after careful review of all public comments received, and consideration of applicable Federal and state laws and regulations. This policy is intended to be responsive to those comments and to BLM's legal mandates.

The Bureau recognizes the authority of the State of Montana for management of resident wildlife species, including prairie dogs. Any population management on public land will be accomplished in cooperation with the appropriate state agencies.

All prairie dog towns on public land will be inventoried and examined for presence of associated wildlife species including threatened or endangered species. The Bureau will cooperate where feasible with other agencies, universities and private groups to accomplish inventories and ecological studies.

The BLM recognises the prairie dog ecosystem as an integral part of the prairie environment and its perpetuation should be consistent with multiple use management of public lands. The following policies shall apply in this regard:

1. Selected prairie dog towns will be maintained at a determined level to support a viable population of prairie dogs for public use. Public uses include nature study, scientific research, photography, educational study and sport hunting.
2. Selected prairie dog towns will be maintained at a determined level to provide habitats for associated wildlife species. Prairie dog towns are used by more than 20 wildlife species of which 6 have been designated as species of special concern by Montana Department of Fish, Wildlife and Parks.
3. Selected prairie dog towns will be maintained at a determined level to provide habitat for species designated as threatened or endangered by Federal and state laws. Currently, the black-footed ferret is the only endangered species known to be associated with prairie dog towns which are primary habitat for this mammal. Prairie dog towns on public lands will be maintained to support at least one wild self-sustaining population of ferrets in Montana as prescribed by the Fish and Wildlife Service's Black-Footed Ferret Recovery Plan.

Although some prairie dog towns may be managed primarily for wildlife and recreational values, others not selected for these purposes will be subject to multiple use management. Where prairie dogs are reported to damage public and adjoining private rangelands the following policy shall apply:

1. Where it has been documented through field investigation that prairie dogs cause unacceptable damage to public resources, such as soil loss or destruction of vegetation, a variety of land treatments including prairie dog control will be considered for rehabilitating rangelands. Other treatments may include such practices as watershed improvements and manipulation of livestock grazing. Prairie dog control will be carried out by appropriate state and Federal agencies using techniques recommended by them and approved by BLM. Sport hunting of prairie dogs, as permitted under state law, is recognized as a legitimate recreational use of public lands; hunters may be directed to towns approved for control.
2. Before control plans for any prairie dog towns can be approved by BLM, each town must be intensively inventoried for threatened and endangered species. If such species are present, any proposal for control must clearly demonstrate that prairie dog control will not jeopardize the continued existence of the species or destroy or adversely modify its habitat.
3. All approved control plans will be fully coordinated with appropriate state and Federal agencies.

The BLM recognises implementing this policy will require close coordination with Federal and state agencies and private landowners. These include, but are not limited to, Montana Department of Fish, Wildlife and Parks, Montana Department of Livestock, United States Fish and Wildlife Service, livestock operators on public lands, and private landowners whose property adjoins public land.

Source: BLM, 1980.

The first step in the process involved matching each allotment in the EIS study area with the respective ranch operation. Some ranch operations have only one BLM grazing allotment, others have a number of allotments involving existing allotment management plans (AMPs) or proposed AMPs and non-AMPs.

There is a total of 637 individual ranch operations with BLM grazing privileges in the study area. Seventy-nine of these 637 ranches have 25 or fewer BLM AUMs. The BLM AUMs are virtually unimportant to these ranches, so the analysis concentrates on the 558 remaining ranch operations.

Through the use of BLM grazing records, personal knowledge of Lewistown District BLM employees, Agricultural Stabilization and Conservation Service (ASCS) crop records and discussions with ranch permittees, the 558 ranches were placed in 12 size-and-type categories (Table 3.27). The predominate type of ranch is a cow/calf operation. Also, as indicated on Table 3.27, many of the operations also produce cash crops, primarily wheat.

To determine dependency of ranches on BLM grazing, the total AUM grazing requirement for the ranches was computed. This was accomplished by multiplying 7.5 times the total estimated number of animal units (AUs) in each ranch. Seven and one-half was used because it is estimated that, on the average, ranch operations in the EIS study area graze seven and one-half months and feed hay and supplement the other four and one-half months. To determine the percentage of dependency of each operation on BLM grazing, the number of BLM AUMs permitted was divided by the total ranch AUM requirements. Table 3.26 summarizes these determinations:

$$\text{Percentage dependency} = \text{BLM AUMs} \div (\text{7.5 months} \times \text{number of ranch AUs})$$

The number of livestock on ranches within each size category was averaged. Results of the averaging indicated the following: 0-100 cows, average 60 cows; 101-249 cows, average 170 cows; 250-499 cows, average 350 cows and 500 plus cows, average 900 cows.

Ranch budgets were constructed for each of the four average size ranches. Two representative crop enterprise budgets were developed for those farms/ranches having cash crops. The crop budgets are for producing hard red winter wheat following fallow for 320 acres representing the medium cash crop and 1,220 acres representing the large cash crop.

The Economics and Statistics Service (USDA, ESS) developed the representative budgets, using, in part, budget data gathered in a national cost of production study in 1979. This data was supplemented by location information gathered by BLM through such production items as cash crops, calf weaning weights, forage requirements, etc. (Cornelius, 1977). The BLM gathered this type of data by contacting a cross section of ranches, county agents, agricultural loan officers and other people associated with agriculture in Valley, Phillips, Blaine and Hill Counties. Information provided by these people was analyzed by BLM to arrive at, for example, the average weaning weights for heifers and steers in the study area. Tables 1 through 7 summarize the representative livestock and crop budgets.

A linear programming model was developed by ESS for each of four livestock sizes. The linear programming model maximizes ranch income based on a series of production parameters and constraints. To determine the economic impacts on the ranch, the level of BLM grazing was varied (increased, decreased or eliminated) according to the proposed change in BLM AUMs under each alternative. For example, under the no grazing alternative, 100 percent of the BLM AUMs are eliminated from the representative ranch.

It was assumed that the most likely response of ranchers to changes in BLM AUMs would be to adjust the size of the ranch operation. It is, of course, very difficult to project how ranchers would adjust their operations given a change in BLM AUMs. Each ranch operation is unique, and the adjustment by each rancher to a change in BLM AUMs would probably vary somewhat. Small ranches would probably be less likely to reduce the size of their operations and would probably purchase hay, for example, to compensate for the loss of BLM grazing. If BLM increased the number of AUMs, ranchers would not necessarily increase the size of their cow/calf operations. They might, run more yearlings, for example. Notwithstanding these problems, it was decided that adjusting the size of the cow/calf operations would represent the most likely response to a change in BLM AUMs.

The impact on ranch income is measured only in terms of change in the number of BLM AUMs. It is acknowledged that where an AMP is involved, there may be changes in ranch returns associated with the quality of grazing, water facilities, etc., that do not directly relate to the change in quantity of AUMs. Through vegetation manipulation, fencing, water development, and rest rotation grazing on BLM land, a ranch operator could benefit from the production of heavier calves, an increase in the calf crop, and possibly even a reduction in death losses. Some of these benefits have been noted by W. Gordon Kearl (1973) and Kothmann (1970). It is entirely possible that a ranch operator, even though he reduces the size of his herd, could end up selling more pounds of beef in the fall because of the benefits from implementation of an AMP. Not enough data are available at this time in the study area to conclusively quantify the extent of these additional ranch returns due to AMP quality so they were not evaluated in the analysis.

Implementation of grazing systems would increase the cost to ranch operations in such areas as increased fence maintenance, more movement of livestock and increased effort in monitoring forage conditions. These costs are included in the budget models.

Using the linear programming model, then, the change in ranch income (gross receipts about cash costs and depreciation), was calculated given a change in BLM AUMs. Since, in the study area, private and state lands are intermingled with BLM lands, a reduction in BLM grazing can cause a reduction in private and state grazing. During the time that BLM lands are being grazed, BLM lands contribute on the average about two-thirds of the grazing whereas state and private lands contribute about one-third. Therefore, in the calculations, grazing on state and private lands are reduced proportionally. Increase in BLM AUMs is not accompanied with a proportional increase in state and private AUMs since BLM does not know that grazing would be increased on these lands. Tables 8 through 16 summarize the income increases/decreases given various increases/decreases in BLM AUMs.

It is interesting to note the decreases in income per AUM under various decreases in BLM and associated state and private AUMs. For example, with a 50 percent decrease in BLM AUMs and the associated state and private AUMs, income (gross receipts above cash cost and depreciation) on a 60 cow ranch would decrease \$9,56 per AUM. The loss in forage value to the nation amounts to \$12.02 per AUM (\$9,56 + \$2.36 (1980 grazing fee) = \$12.02). A 15 percent increase in BLM AUMs in the same size ranch would increase ranch income \$5.17 per AUM. The increase to the nation in forage value would be \$7.53 (\$5.17 + \$2.36 = \$7.53). The decrease per AUM is greater than the increase largely because of cost structure. Ranches have a certain amount of fixed costs that are not reduced proportionally with reduced AUMs. They must continue to pay these fixed costs at least in the short term.

Also of interest, is to compare this forage value for an AUM with the fair market value as determined by the ESS. In Montana the average monthly rate per head for pasturing cattle on private land in 1980 was \$9.40 (USDA, ESS, 1980, Farm Real Estate Market Developments). This is very close to the value arrived at through linear programming and it tends to support the data and approach used in the analysis.

Ranchers, BLM appraisers and the Federal Land Bank estimate that an average value for BLM grazing permits in the intensive study area is approximately \$100 per AUM. For those ranchers that have purchased BLM permits at \$100 per AUM or \$1,200 per AU, it is possible to calculate the price they are paying for BLM AUMs. Using an opportunity cost of capital of 9.3 percent, the cost of owning the BLM permit is \$9.30 per AUM. Adding the grazing fee of \$2.36 results in a total price per AUM of \$11.66.

As mentioned above, the assumption is made that ranchers would vary herd size in response to changes in BLM grazing. These changes in herd size would affect the number of ranch employees needed. Changes in ranch workers were calculated using the following assumptions: one employee is needed for each 250 cows above the initial 250, and the number of employees would vary directly according to herd size changes. Thus if an operation increased its cow herd from 500 to 750 it would be assumed that 1 equivalent to full time worker would be needed in addition to the 1 already employed.

The economic analysis uses average livestock prices for 1977, 1978 and 1979. Cost figures are for 1979. Historically, livestock prices have changed dramatically every three to five years, whereas production costs have risen consistently. A point could be raised as to the validity of using the figures to project economic impacts into the future. It has been assumed in this analysis that the cost/price relationship would remain fairly constant over the long term, with upward pressure on both costs and prices due to economy-wide inflation. Therefore, although the magnitude of the figures will increase the relative impact would remain constant.

TABLE 1  
Montana Prairie Potholes EIS Area - Cost and Return Summary  
with interest on land as a cash cost

| Item                                      | Herd Size |        |        |         |
|---|-----------|--------|--------|---------|
|   | 60        | 170    | 350    | 900     |
| Gross Income                              | 16,909    | 48,082 | 98,332 | 252,672 |
| Total Cash Costs*                         | 12,279    | 32,753 | 64,804 | 164,120 |
| Family Labor                              | 2,341     | 5,464  | 12,000 | 17,028  |
| Return Above Cash Costs                   | 4,630     | 15,329 | 33,528 | 88,552  |
| Return Above Cash Costs<br>& Family Labor | 2,289     | 9,865  | 21,528 | 71,524  |
| Return to Total <sup>1/</sup> Investment  | 505       | 5,198  | 12,501 | 48,263  |
| Return to Land <sup>2/</sup>              | -3,250    | -8,113 | -8,409 | -5,521  |

\*includes interest on real estate loan based on \$500/AU and interest at 9.3%

1/ Return Above Cash Cost & Family Labor minus depreciation

2/ Return to Total Investment minus interest on Investment other than Land

Source: ESS, 1980.

TABLE 2

| Montana - Prairie Pothole              | EIS Area | 0-100 Cows |        |                |            |             |        |
|--|----------|------------|--------|----------------|------------|-------------|--------|
|  |          | Unit       | Number | Average Weight | Price/Cwt  | Total Value |        |
| Sales:                                 |          |            |        |                |            |             |        |
| Steer Calves                           | Head     | 24         | 450    |                | 71.23      |             | 7,693  |
| Heifer Calves                          | Head     | 15         | 410    |                | 62.82      |             | 3,863  |
| Feeder Steers                          | Head     | 3          | 725    |                | 59.02      |             | 1,284  |
| Cull Cows                              | Head     | 11         | 1,000  |                | 36.99      |             | 4,069  |
| Total                                  |          |            |        |                |            |             | 16,909 |
| Total/Cow                              |          |            |        |                |            |             | 281.82 |
|  |          |            |        | Total Value    | Value/Head |             |        |
| Cash Costs:                            |          |            |        |                |            |             |        |
| BLM Permit                             |          |            |        | 301            | 5.02       |             |        |
| State Lease                            |          |            |        | 30             | .50        |             |        |
| Private Lease                          |          |            |        | 648            | 10.80      |             |        |
| Grazing Association                    |          |            |        | 90             | 1.50       |             |        |
| Hay (Prod)                             |          |            |        | 2,944          | 49.07      |             |        |
| Hay (Purch)                            |          |            |        | 539            | 8.98       |             |        |
| Barley (Prod)                          |          |            |        | 94             | 1.57       |             |        |
| Protein Supp.                          |          |            |        | 173            | 2.88       |             |        |
| Salt & Minerals                        |          |            |        | 160            | 2.66       |             |        |
| Vet. & Medicine                        |          |            |        | 317            | 5.29       |             |        |
| Transport                              |          |            |        | 48             | 1.64       |             |        |
| Marketing                              |          |            |        | 266            | 4.44       |             |        |
| Hired Labor                            |          |            |        | 149            | 2.49       |             |        |
| Machine Fuel & Labor                   |          |            |        | 855            | 14.25      |             |        |
| Machine Repair                         |          |            |        | 800            | 14.67      |             |        |
| Equipment Fuel & Lube                  |          |            |        | 146            | 2.44       |             |        |
| Equipment Repair                       |          |            |        | 185            | 3.09       |             |        |
| Land Tax                               |          |            |        | 499            | 8.31       |             |        |
| Other Tax                              |          |            |        | 108            | 1.80       |             |        |
| Insurance                              |          |            |        | 94             | 1.56       |             |        |
| General Farm Overhead                  |          |            |        | 491            | 8.18       |             |        |
| Interest on Oper. Capital              |          |            |        | 422            | 7.03       |             |        |
| Total                                  |          |            |        | 9,489          | 158.15     |             |        |
|  |          |            |        |                |            |             |        |
| Other Costs:                           |          |            |        |                |            |             |        |
| Family Labor                           |          |            |        | 2,341          | 39.02      |             |        |
| Depreciation                           |          |            |        | 1,794          | 29.73      |             |        |
| Interest on Investment other than Land |          |            |        | 3,755          | 62.58      |             |        |
| Interest on Land Investment            |          |            |        | 10,091         | 168.18     |             |        |
| Total                                  |          |            |        | 17,971         | 299.51     |             |        |
| Total all Costs                        |          |            |        | 27,460         | 457.66     |             |        |
|  |          |            |        |                |            |             |        |
| Return above Cash Costs                |          |            |        | 7,420          | 123.67     |             |        |
| Return above Cash Costs & Family Labor |          |            |        | 5,079          | 84.65      |             |        |
| Return to Total Investment             |          |            |        | 3,295          | 54.92      |             |        |
| Return to Land Investment              |          |            |        | 2460           | -7.67      |             |        |

Production Assumptions: Herd size 60 cows; 95% calf crop; 5% calf death loss to weaning; 25 cows per bull; 20% replacement rate; 2% cow loss.

Source: ESS, 1980.

TABLE 3

| Montana - Prairie Pothole   |        | EIS Area       |            | 101-249 Cows |        |
|---|--------|----------------|------------|--------------|--------|
| Unit  | Number | Average Weight | Price/Cwt  | Total Value  |        |
| <b>Sales:</b>   |        |                |            |              |        |
| Steer Calves  | Head   | 69             | 450        | 71.23        | 22,117 |
| Heifer Calves   | Head   | 43             | 410        | 62.82        | 11,075 |
| Feeder Steers   | Head   | 8              | 725        | 59.02        | 3,423  |
| Cull Cows   | Head   | 31             | 1,000      | 36.99        | 11,467 |
| Total   |        |                |            | 48,082       |        |
| Total/Cow   |        |                |            | 282.84       |        |
| <br>  |        |                |            |              |        |
| Cash Costs:   |        | Total Value    | Value/Head |              |        |
| BLM Permit  |        | 722            | 4.25       |              |        |
| State Lease   |        | 39             | .23        |              |        |
| Private Lease   |        | 1,422          | 8.37       |              |        |
| Grazing Assoc.  |        | 248            | 1.46       |              |        |
| Hay (Prod)  |        | 8,384          | 49.32      |              |        |
| Hay (Purch)   |        | 1,576          | 9.27       |              |        |
| Barley (Prod)   |        | 266            | 1.57       |              |        |
| Protein Suppl.  |        | 490            | 2.88       |              |        |
| Salt & Minerals   |        | 903            | 5.31       |              |        |
| Vet. & Medicine   |        | 332            | 1.95       |              |        |
| Trucking  |        | 697            | 4.10       |              |        |
| Marketing   |        | 746            | 4.39       |              |        |
| Hired Labor   |        | 1,513          | 8.90       |              |        |
| Machine Fuel & Lube   |        | 1,338          | 7.87       |              |        |
| Machine Repair  |        | 253            | 1.49       |              |        |
| Equipment Fuel & Lube   |        | 502            | 2.95       |              |        |
| Equipment Repair  |        | 1,464          | 8.61       |              |        |
| Land Tax  |        | 262            | 1.54       |              |        |
| Other Tax   |        | 723            | 4.25       |              |        |
| Insurance   |        | 1,255          | 7.38       |              |        |
| General Farm Overhead   |        | 1,252          | 7.42       |              |        |
| Interest on Oper. Capital   |        | 1,262          | 7.42       |              |        |
| Total:  |        | 24,948         | 146.17     |              |        |
| <br>  |        |                |            |              |        |
| Other Costs:  |        |                |            |              |        |
| Family Labor  |        | 5,464          | 32.14      |              |        |
| Depreciation  |        | 4,667          | 27.45      |              |        |
| Interest on Investment other than Land  |        | 10,311         | 60.65      |              |        |
| Interest on Land Investment   |        | 34,005         | 200.03     |              |        |
| Total:  |        | 54,447         | 320.27     |              |        |
| Total all costs   |        | 79,295         | 456.44     |              |        |
| Return above Cash Costs   |        | 23,234         | 136.67     |              |        |
| Return above Cash Costs & Family Labor  |        | 17,770         | 104.53     |              |        |
| Return to Total Investment  |        | 13,103         | 77.08      |              |        |
| Return to Land Investment   |        | 2,792          | 16.42      |              |        |
| Production Assumptions - herd size 170 cows; 95% calf crop; 5% calf death loss to weaning; 25 cows per bull; 20% replacement rate; 2% cow loss. |        |                |            |              |        |

Source: ESS, 1980.

TABLE 4

| MONTANA  |        | PRAIRIE POTHOLE |            | EIS Area    |  | 250-499 Cows |       |
|--|--------|-----------------|------------|-------------|--|--------------|-------|
| Unit   | Number | Average Weight  | Price/Cwt  | Total Value |  | Total Value  | Total |
| <b>Sales:</b>  |        |                 |            |             |  |              |       |
| Steer Calves   | Head   | 142             | 450        | 71.23       |  | 45,516       |       |
| Heifer Calves  | Head   | 88              | 410        | 62.82       |  | 22,665       |       |
| Feeder Steers  | Head   | 16              | 725        | 59.02       |  | 6,846        |       |
| Cull Cows  | Head   | 63              | 1,000      | 36.99       |  | 23,304       |       |
| Total  |        |                 |            |             |  | 98,332       |       |
| Total/Cow  |        |                 |            |             |  | 280.95       |       |
| <br>   |        |                 |            |             |  |              |       |
| Cash Costs:  |        | Total Value     | Value/Head |             |  |              |       |
| BLM Permit   |        | 1,856           | 5.30       |             |  |              |       |
| State Lease  |        | 222             | .63        |             |  |              |       |
| Private Lease  |        | 819             | 2.34       |             |  |              |       |
| Grazing Assoc.   |        | 510             | 1.46       |             |  |              |       |
| Hay (Prod)   |        | 17,450          | 49.86      |             |  |              |       |
| Hay (Purch)  |        | 3,203           | 9.15       |             |  |              |       |
| Barley (Prod)  |        | 545             | 1.56       |             |  |              |       |
| Protein Suppl.   |        | 1,009           | 2.88       |             |  |              |       |
| Salt & Minerals  |        | 945             | 2.70       |             |  |              |       |
| Vet. & Medicine  |        | 1,676           | 4.79       |             |  |              |       |
| Trucking   |        | 473             | 1.35       |             |  |              |       |
| Marketing  |        | 592             | 1.59       |             |  |              |       |
| Hired Labor  |        | 3,252           | 9.32       |             |  |              |       |
| Machine Fuel & Lube  |        | 2,331           | 6.66       |             |  |              |       |
| Machine Repair   |        | 2,335           | 6.67       |             |  |              |       |
| Equipment Fuel & Lube  |        | 585             | 1.67       |             |  |              |       |
| Equipment Repair   |        | 1,047           | 2.99       |             |  |              |       |
| Land Tax   |        | 2,919           | 8.34       |             |  |              |       |
| Other Tax  |        | 473             | 1.35       |             |  |              |       |
| Insurance  |        | 1,470           | 4.20       |             |  |              |       |
| General Farm Overhead  |        | 2,342           | 6.69       |             |  |              |       |
| Interest on Oper. Capital  |        | 2,465           | 7.04       |             |  |              |       |
| Total:   |        | 48,529          | 138.65     |             |  |              |       |
| <br>   |        |                 |            |             |  |              |       |
| Other Costs:   |        |                 |            |             |  |              |       |
| Family Labor   |        | 12,000          | 34.29      |             |  |              |       |
| Depreciation   |        | 9,027           | 25.79      |             |  |              |       |
| Interest on Investment other than Land   |        | 20,910          | 59.74      |             |  |              |       |
| Interest on Land Investment  |        | 69,034          | 197.24     |             |  |              |       |
| Total:   |        | 110,971         | 317.06     |             |  |              |       |
| Total all costs  |        | 159,500         | 455.71     |             |  |              |       |
| Return above Cash Costs  |        | 49,803          | 142.29     |             |  |              |       |
| Return above Cash Costs & Family Labor   |        | 37,803          | 108.01     |             |  |              |       |
| Return to Total Investment   |        | 28,776          | 82.22      |             |  |              |       |
| Return to Land Investment  |        | 7,956           | 22.47      |             |  |              |       |
| Production Assumptions - herd size 350 Cows; 95% Calf Crop; 5% Calf death loss; 20 cows per bull; 20% replacement rate; 2% cow loss. |        |                 |            |             |  |              |       |
| Source: ESS, 1980.   |        |                 |            |             |  |              |       |

TABLE 5

| Montana - Prairie Pothole              |      | EIS     | Area           | 500+ Cows   | Total   |
|--|------|---------|----------------|-------------|---------|
|  | Unit | Number  | Average Weight | Price/ Cwt  | Value   |
| Sales:                                 |      |         |                |             |         |
| Steer Calves                           | Head | 365     | 450            | 71.23       | 116,995 |
| Heifer Calves                          | Head | 226     | 410            | 62.82       | 58,209  |
| Feeder Steers                          | Head | 41      | 725            | 59.02       | 17,544  |
| Cull Cows                              | Head | 162     | 1,000          | 36.99       | 59,924  |
| Total                                  |      |         |                |             | 252,672 |
| Total/Cow                              |      |         |                |             | 280.75  |
|  |      |         | Total          | Value/ Head |         |
| Cash Costs:                            |      |         |                |             |         |
| BLM Permit                             |      | 3,727   |                | 4.14        |         |
| State Lease                            |      | 202     |                | .22         |         |
| Private Lease                          |      | 1,278   |                | 1.42        |         |
| Grazing Association                    |      | 1,305   |                | 1.45        |         |
| Hay (Prod)                             |      | 44,774  |                | 49.75       |         |
| Hay (Purch)                            |      | 8,239   |                | 9.15        |         |
| Barley (Prod)                          |      | 1,410   |                | 1.57        |         |
| Protein Supp.                          |      | 2,595   |                | 2.88        |         |
| Salt & Minerals                        |      | 2,430   |                | 2.70        |         |
| Vets & Medicine                        |      | 411     |                | 4.79        |         |
| Truck Fuel                             |      | 1,215   |                | 1.35        |         |
| Marketing                              |      | 1,521   |                | 1.69        |         |
| Hired Labor                            |      | 8,388   |                | 9.32        |         |
| Machine Fuel & Lube                    |      | 5,994   |                | 6.66        |         |
| Machine Repair                         |      | 6,003   |                | 6.67        |         |
| Equipment Fuel & Lube                  |      | 1,503   |                | 1.67        |         |
| Equipment Repair                       |      | 2,691   |                | 2.99        |         |
| Land Tax                               |      | 7,506   |                | 8.34        |         |
| Other Tax                              |      | 1,215   |                | 1.35        |         |
| Insurance                              |      | 3,780   |                | 4.20        |         |
| General Farm Overhead                  |      | 6,021   |                | 6.69        |         |
| Interest on Oper. Capital              |      | 6,212   |                | 6.90        |         |
| Total                                  |      | 122,320 |                | 135.91      |         |
| Other Costs:                           |      |         |                |             |         |
| Family Labor                           |      | 17,028  |                | 18.92       |         |
| Depreciation                           |      | 23,211  |                | 25.79       |         |
| Interest on Investment other than Land |      | 53,784  |                | 59.76       |         |
| Interest on Land Investment            |      | 208,008 |                | 231.12      |         |
| Total                                  |      | 302,031 |                | 335.59      |         |
| Total all Costs                        |      | 424,351 |                | 471.50      |         |
| Return above Cash Costs                |      | 130,352 |                | 144.84      |         |
| Return above Cash Costs & Family Labor |      | 113,324 |                | 125.92      |         |
| Return to Total Investment             |      | 90,113  |                | 100.13      |         |
| Return to Land Investment              |      | 36,329  |                | 40.37       |         |

Production Assumptions - Herd size 900 cows; 95% calf crop; 5% calf death loss to weaning; 20 cows per bull; 20% replacement rate; 2% cow loss.

Source: ESS, 1980.

TABLE 6

| MONTANA - Hard red winter wheat following fallow |      |            |          |            |
|--|------|------------|----------|------------|
| Item   | Unit | Price/unit | Quantity | Value/acre |
| Sale of:   | :    | :          | :        | :          |
| Wheat  | bu   | 2.75       | 30.7     | 84.42      |
| Straw  | ton  | 40.50      | .07      | 2.83       |
| Total Receipts                                   |      |            |          | 87.26      |
| Cash Costs:                                      | :    | :          | :        |            |
| Preharvest:                                      | :    | :          | :        |            |
| Fungicide  | lb   |            |          | .03        |
| Herbicide  | lb   |            |          | 1.86       |
| Insecticide                                      | lb   |            |          | .05        |
| Seed   | lb   |            |          | 3.68       |
| Nitrogen   | lb   |            |          | 2.69       |
| Phosphate  | lb   |            |          | 2.14       |
| Pesticide Appl.                                  | lb   |            |          | .36        |
| Tractor fuel and lube                            | gal  |            |          | 2.48       |
| Tractor repairs                                  | hr   |            |          | 1.62       |
| Machine fuel and lube                            | gal  |            |          | .87        |
| Machine repairs                                  | hr   |            |          | 2.65       |
| Machine labor                                    | hr   |            |          | 3.86       |
| Harvest:   | :    | :          | :        |            |
| Baler twine-wire                                 | lb   |            |          | .15        |
| Custom combine and haul                          | lb   |            |          | 2.62       |
| Tractor fuel and lube                            | gal  |            |          | .09        |
| Tractor repairs                                  | hr   |            |          | .06        |
| Machine fuel and lube                            | gal  |            |          | .80        |
| Machine repairs                                  | hr   |            |          | 1.46       |
| Machine labor                                    | hr   |            |          | 1.51       |
| Taxes  | lb   |            |          | 1.32       |
| Insurance  | lb   |            |          | .76        |
| Gen. farm overhead                               | lb   |            |          | 5.18       |
| Interest on Oper. capital                        | lb   |            |          | 1.94       |
| Total cash costs:                                |      |            |          | 38.28      |
| Other costs:                                     | :    | :          | :        |            |
| Depreciation                                     | lb   |            |          | 16.14      |
| Interest on Investment                           | lb   |            |          | 7.13       |
| other than land                                  | lb   |            |          | 23.27      |
| Total other costs:                               |      |            |          |            |
| Total all costs:                                 |      |            |          | 61.55      |
| Return above cash costs                          |      |            |          | 48.98      |
| Return to total Investment                       |      |            |          | 32.84      |
| Return to land                                   |      |            |          | 25.71      |

Acres represented = 1219

Source: ESS, 1980.

TABLE 7  
MONTANA - Hard red winter wheat following fallow

APPENDIX 3.13: CONTINUED

| Item                       | Unit | Price/unit | Quantity | Value/Acre   |
|----------------------------|------|------------|----------|--------------|
| Sales:                     |      |            |          |              |
| Wheat                      | bu   | 2.95       | 28.0     | 82.60        |
| <u>Total Receipts</u>      |      |            |          | <u>82.60</u> |
| Cash Costs:                |      |            |          |              |
| Preharvest:                |      |            |          |              |
| Insecticide                |      |            |          | .07          |
| Herbicide                  |      |            |          | .98          |
| Seed                       |      |            |          | 3.46         |
| Nitrogen                   |      |            |          | 3.21         |
| Phosphorus                 |      |            |          | 2.56         |
| Potash                     |      |            |          | .21          |
| Fertilizer Appl.           |      |            |          |              |
| Tractor fuel and lube      |      |            |          | 1.76         |
| Tractor repairs            |      |            |          | 1.15         |
| Machine fuel and lube      |      |            |          | .88          |
| Machine repairs            |      |            |          | 2.11         |
| Machine labor              |      |            |          | 3.38         |
| Harvest:                   |      |            |          |              |
| Custom combine and haul    |      |            |          | 2.61         |
| Machine fuel and lube      |      |            |          | .83          |
| Machine repairs            |      |            |          | 1.33         |
| Machine labor              |      |            |          | 1.07         |
| Taxes                      |      |            |          | 1.05         |
| Insurance                  |      |            |          | .62          |
| Gen. farm overhead         |      |            |          | 5.18         |
| Interest on Oper Capital   |      |            |          | 2.32         |
| <u>Total Cash Costs:</u>   |      |            |          | <u>34.79</u> |
| Other Costs:               |      |            |          |              |
| Depreciation               |      |            |          | 12.83        |
| Interest on Investment     |      |            |          |              |
| other than land            |      |            |          | 5.55         |
| <u>Total other costs:</u>  |      |            |          | <u>18.38</u> |
| Total all costs:           |      |            |          | 53.17        |
| Return above cash costs    |      |            |          | 47.81        |
| Return to total investment |      |            |          | 34.98        |
| Return to land             |      |            |          | 29.43        |

Acres represented 320

Source: ESS, 1980.

TABLE 8--Montana Prairie Pothole EIS area less than 100 cows

| Item                                      | no change | Percent reduction |        |        |        |        |        |        |        |        |        |
|---|-----------|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|   |           | Dollars           |        |        |        |        |        |        |        |        |        |
| Gross income                              | 16,974    | 16,596            | 16,214 | 15,837 | 15,457 | 15,075 | 14,673 | 14,294 | 13,911 | 13,534 | 13,187 |
| Total cash costs                          | 12,355    | 12,071            | 11,785 | 11,502 | 11,217 | 10,969 | 10,722 | 10,488 | 10,252 | 10,019 | 9,807  |
| Value of family labor                     | 2,350     | 2,298             | 2,245  | 2,193  | 2,140  | 2,087  | 2,032  | 1,979  | 1,926  | 1,874  | 1,826  |
| Depreciation                              | 1,785     | 1,777             | 1,769  | 1,761  | 1,753  | 1,745  | 1,736  | 1,728  | 1,721  | 1,712  | 1,705  |
| Interest on investment<br>other than land | 3,767     | 3,698             | 3,628  | 3,560  | 3,490  | 3,421  | 3,348  | 3,279  | 3,209  | 3,141  | 3,078  |
| Return above:                             |           |                   |        |        |        |        |        |        |        |        |        |
| Cash costs                                | 4,619     | 4,525             | 4,429  | 4,335  | 4,240  | 4,106  | 3,951  | 3,806  | 3,659  | 3,515  | 3,380  |
| Cash costs and<br>family labor            | 2,269     | 2,227             | 2,184  | 2,142  | 2,100  | 2,019  | 1,919  | 1,827  | 1,733  | 1,641  | 1,554  |
| Return to total<br>investment             | 484       | 450               | 415    | 381    | 347    | 274    | 183    | 99     | 12     | 71     | 151    |
| Return to land                            | -3,283    | -3,248            | -3,213 | -3,179 | -3,143 | -3,147 | -3,165 | -3,180 | -3,197 | -3,212 | -3,229 |
| Herd size                                 | 60.2      | 58.9              | 57.5   | 56.2   | 54.8   | 53.5   | 52.1   | 50.7   | 49.4   | 48.0   | 46.8   |

Source: ESS, 1980.

TABLE 8 --(cont) Montana Prairie Pothole EIS Area less than 100 cows

| Item                                   | Percent Increase |        |        |
|--|------------------|--------|--------|
|  | 5                | 10     | 15     |
|  | <u>Dollars</u>   |        |        |
| Gross income                           | 17,304           | 17,639 | 17,969 |
| Total cash costs                       | 12,636           | 12,921 | 13,204 |
| Value of family labor                  | 2,396            | 2,442  | 2,488  |
| Depreciation                           | 1,792            | 1,800  | 1,807  |
| Interest on investment other than land | 3,827            | 3,888  | 3,948  |
| Return above:                          |                  |        |        |
| Cash costs                             | 4,668            | 4,717  | 4,765  |
| Cash costs and family labor            | 2,272            | 2,275  | 2,277  |
| Return to total investment             | 480              | 475    | 470    |
| Return to land                         | -3,347           | -3,413 | -3,478 |
| Herd size                              | 61.4             | 62.6   | 63.8   |

Source: ESS, 1980.

TABLE 9 --Montana Prairie Pothole EIS Area 100-249 cows

| Item                                   | no change | Percent reduction |        |        |        |        |        |        |        |        |        |
|--|-----------|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|  |           | 5                 | 10     | 15     | 20     | 25     | 30     | 35     | 40     | 45     | 50     |
|  |           | <u>Dollars</u>    |        |        |        |        |        |        |        |        |        |
| Gross income                           | 47,939    | 47,078            | 45,967 | 45,067 | 44,143 | 43,243 | 42,343 | 41,208 | 40,308 | 39,384 | 38,484 |
| Total cash costs                       | 32,700    | 32,093            | 31,303 | 30,666 | 30,013 | 29,376 | 28,843 | 28,190 | 27,673 | 27,144 | 26,628 |
| Value of family labor                  | 5,448     | 5,350             | 5,223  | 5,122  | 5,017  | 4,914  | 4,812  | 4,683  | 4,581  | 4,476  | 4,374  |
| Depreciation                           | 4,654     | 4,645             | 4,622  | 4,603  | 4,584  | 4,564  | 4,545  | 4,521  | 4,502  | 4,483  | 4,463  |
| Interest on investment other than land | 10,286    | 10,132            | 9,932  | 9,771  | 9,605  | 9,444  | 9,282  | 9,079  | 8,918  | 8,752  | 8,591  |
| Return above:                          |           |                   |        |        |        |        |        |        |        |        |        |
| Cash costs                             | 15,239    | 14,985            | 14,664 | 14,401 | 14,130 | 13,867 | 13,500 | 13,018 | 12,635 | 12,240 | 11,856 |
| Cash costs and family labor            | 9,791     | 9,635             | 9,441  | 9,279  | 9,113  | 8,953  | 8,688  | 8,335  | 8,054  | 7,764  | 7,482  |
| Return to total investment             | 5,127     | 4,990             | 4,819  | 4,676  | 4,529  | 4,389  | 4,143  | 3,814  | 3,552  | 3,281  | 3,019  |
| Return to land                         | -5,159    | -5,142            | -5,113 | -5,095 | -5,076 | -5,055 | -5,139 | -5,265 | -5,366 | -5,471 | -5,572 |
| Herd size                              | 169.9     | 166.5             | 162.5  | 159.4  | 156.1  | 152.9  | 149.7  | 145.7  | 142.5  | 139.3  | 136.1  |

Source: ESS, 1980.

TABLE 9 --(cont) Montana Prairie Pothole EIS Area 100-249 cows

| Item                                   | Percent Increase |        |        |
|--|------------------|--------|--------|
|  | 5                | 10     | 15     |
|  | <u>Dollars</u>   |        |        |
| Gross income                           | 48,756           | 49,500 | 50,244 |
| Total cash costs                       | 33,366           | 33,973 | 34,580 |
| Value of family labor                  | 5,541            | 5,625  | 5,710  |
| Depreciation                           | 5,681            | 4,697  | 4,713  |
| Interest on investment other than land | 10,432           | 10,566 | 10,699 |
| Return above:                          |                  |        |        |
| Cash costs                             | 15,390           | 15,527 | 15,664 |
| Cash costs and family labor            | 9,849            | 9,902  | 9,954  |
| Return to total investment             | 4,168            | 5,205  | 5,241  |
| Return to Land                         | -6,264           | -5,361 | -5,458 |
| Herd size                              | 172.4            | 175.0  | 177.7  |

Source: ESS, 1980.

TABLE 10 --Montana Prairie Pothole EIS Area 250-499 Cows

| Item                                   | no change | Percent reduction |        |        |        |        |        |        |        |        |
|--|-----------|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|
|  |           | Dollars           |        |        |        |        |        |        |        |        |
|  | 5         | 10                | 15     | 20     | 25     | 30     | 35     | 40     | 45     | 50     |
| Gross income                           | 98,249    | 96,727            | 93,930 | 91,573 | 89,401 | 87,253 | 85,106 | 82,934 | 80,577 | 78,405 |
| Total cash costs                       | 64,740    | 63,661            | 61,665 | 59,984 | 58,441 | 57,086 | 55,846 | 54,598 | 53,236 | 51,987 |
| Value of family labor                  | 11,991    | 11,806            | 11,464 | 11,176 | 10,911 | 10,649 | 10,387 | 10,122 | 9,834  | 9,569  |
| Depreciation                           | 9,025     | 8,984             | 8,909  | 8,847  | 8,789  | 8,731  | 8,674  | 8,616  | 8,553  | 8,495  |
| Interest on investment other than land | 20,895    | 20,619            | 20,113 | 19,687 | 19,294 | 18,905 | 18,516 | 18,123 | 17,697 | 17,304 |
| Return above:                          |           |                   |        |        |        |        |        |        |        |        |
| Cash costs                             | 33,509    | 33,066            | 32,265 | 31,589 | 30,960 | 30,167 | 29,260 | 28,336 | 27,341 | 26,418 |
| Cash costs and family labor            | 21,518    | 21,260            | 20,801 | 20,413 | 20,049 | 19,518 | 18,873 | 18,214 | 17,507 | 16,849 |
| Return to total investment             | 12,493    | 12,276            | 11,892 | 11,586 | 11,260 | 10,787 | 10,199 | 9,598  | 8,954  | 8,354  |
| Return to land                         | -8,402    | -8,343            | -8,221 | -8,121 | -8,034 | -8,118 | -8,317 | -8,525 | -8,743 | -8,950 |
| Herd size                              | 349.7     | 344.2             | 334.3  | 325.9  | 318.2  | 310.6  | 302.9  | 295.2  | 286.8  | 279.1  |

Source: ESS, 1980.

TABLE 10 (cont.) Montana Prairie Pothole EIS Area 250-499 Cows

| Item                                   |  | Percent Increase |         |         |
|--|--|------------------|---------|---------|
|  |  | 5                | 10      | 15      |
|  |  | Dollars          |         |         |
| Gross income                           |  | 100,210          | 102,171 | 104,378 |
| Total cash costs                       |  | 66,343           | 57,946  | 69,749  |
| Value of family labor                  |  | 12,231           | 12,470  | 12,739  |
| Depreciation                           |  | 9,077            | 9,129   | 9,188   |
| Interest on investment other than land |  | 21,250           | 21,605  | 22,004  |
| Return above:                          |  |                  |         |         |
| Cash costs                             |  | 33,867           | 34,225  | 34,429  |
| Cash costs and family labor            |  | 22,636           | 21,755  | 21,890  |
| Return to total investment             |  | 12,559           | 12,625  | 12,702  |
| Return to land                         |  | -8,691           | -8,979  | -9,302  |
| Herd size                              |  | 356.7            | 363.7   | 371.5   |

Source: ESS, 1980.

TABLE 11 --Montana Prairie Pothole EIS Area 500+ Cows

| Item                                   | Percent reduction |         |         |         |         |         |         |         |         |         |         |
|--|-------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|  | no change         | 5       | 10      | 15      | 20      | 25      | 30      | 35      | 40      | 45      | 50      |
| <u>Dollars</u>                         |                   |         |         |         |         |         |         |         |         |         |         |
| Gross income                           | 252,200           | 247,067 | 242,079 | 236,884 | 231,920 | 226,932 | 221,736 | 216,749 | 211,553 | 206,566 | 201,394 |
| Total cash costs                       | 163,915           | 160,288 | 156,766 | 153,093 | 149,587 | 146,065 | 143,085 | 140,240 | 137,272 | 134,427 | 131,473 |
| Value of family labor                  | 16,996            | 16,650  | 16,313  | 15,963  | 15,629  | 15,293  | 14,943  | 14,606  | 14,256  | 13,920  | 13,572  |
| Depreciation                           | 23,198            | 23,061  | 22,928  | 22,789  | 22,656  | 22,523  | 22,384  | 22,251  | 22,112  | 21,979  | 21,841  |
| Interest on investment other than land | 53,697            | 52,767  | 51,863  | 50,922  | 50,023  | 49,119  | 48,178  | 47,275  | 46,333  | 45,430  | 44,493  |
| Return above:                          |                   |         |         |         |         |         |         |         |         |         |         |
| Cash costs                             | 88,284            | 86,779  | 85,313  | 83,791  | 82,333  | 80,867  | 78,651  | 76,509  | 74,281  | 72,139  | 69,921  |
| Cash costs and family labor            | 71,288            | 70,129  | 69,000  | 67,828  | 66,704  | 65,574  | 63,708  | 61,903  | 60,025  | 58,219  | 56,349  |
| Return to total investment             | 48,090            | 47,068  | 46,072  | 45,039  | 44,048  | 43,051  | 41,324  | 39,652  | 37,913  | 36,240  | 34,508  |
| Return to land                         | -5,607            | -5,699  | -5,791  | -5,883  | -5,975  | -6,068  | -6,854  | -7,623  | -8,420  | -9,190  | -9,985  |
| Herd size                              | 898.3             | 880.0   | 862.2   | 843.7   | 826.0   | 808.3   | 789.8   | 772.0   | 753.5   | 735.7   | 717.3   |

Source: ESS, 1980.

TABLE 11 --(cont) Montana Prairie Pothole EIS Area 500+ cows

| Item                                   | Percent Increase |         |         |
|--|------------------|---------|---------|
|  | 5                | 10      | 15      |
| <u>Dollars</u>                         |                  |         |         |
| Gross income                           | 256,194          | 260,359 | 264,279 |
| Total cash costs                       | 167,182          | 170,588 | 173,794 |
| Value of family labor                  | 17,265           | 17,545  | 17,809  |
| Depreciation                           | 23,305           | 23,416  | 23,521  |
| Interest on investment other than land | 54,420           | 55,175  | 55,885  |
| Return above:                          |                  |         |         |
| Cash costs                             | 89,012           | 89,771  | 90,485  |
| Cash costs and family labor            | 71,747           | 72,226  | 72,676  |
| Return to total investment             | 48,442           | 48,810  | 49,155  |
| Return to land                         | -5,978           | -6,365  | -6,730  |
| Herd size                              | 912.5            | 927.3   | 941.3   |

Source: ESS, 1980.

TABLE 12. Adjustments in income and herd size with a 100 percent reduction in BLM forage, Prairie Pothole EIS area.

| Item                                      | Herd Size (cows) |         |         |         |
|---|------------------|---------|---------|---------|
|   | 0-100            | 101-249 | 250-499 | 500+    |
| <u>Dollars</u>                            |                  |         |         |         |
| Gross income                              | 9,587            | 28,967  | 49,663  | 150,709 |
| Total cash costs                          | 10,343           | 29,017  | 51,904  | 144,142 |
| Family labor                              | 1,327            | 3,292   | 6,061   | 10,156  |
| Depreciation                              | 1,628            | 4,262   | 7,728   | 20,487  |
| Interest on investment<br>other than land | 2,422            | 6,884   | 12,103  | 35,311  |
| Return above:                             |                  |         |         |         |
| Cash costs                                | -756             | -50     | -2,241  | 6,567   |
| Cash costs and<br>family labor            | -2,083           | -3,342  | -8,302  | -3,589  |
| Return to total<br>investment             | -3,711           | -7,604  | -16,030 | -24,076 |
| Return to land                            | -6,133           | -14,488 | -28,133 | -59,387 |
| Herd size                                 | 34               | 102.4   | 176.8   | 536.8   |

Source: ESS, 1980.

## Impacts

Due to data limitations, it is only possible to quantify the economic implications of hunting deer, antelope and waterfowl that use public lands. The current number of animals and expected changes under each alternative are specified in Appendix 3.4 and Appendix 3.16. These figures have been adjusted to reflect the intensive study area (ISA) only.

Increases in hunting are assumed to be proportional to increases in wildlife populations; therefore, if the deer population increases, the number of deer harvested would be expected to increase. The annual average rate of harvest will continue to be .10 for deer, .20 for antelope and .05 for ducks and geese. (The figure for waterfowl estimates the percentage harvested in the ISA of those fledged in the ISA.) It is further assumed that the hunting effort required to bag one animal will remain constant at 7.5 days for deer, 3 days for antelope, 3 days for geese and .5 day for ducks.

The assumption is made that the location from which hunters in the ISA originate will remain constant. For deer hunters it is estimated that 4.5 percent are from out of state, 15 percent are residents but from outside the ISA and 80.5 percent are from the ISA. For antelope hunters it is estimated that 3.3 percent are from out of state, 20 percent are residents but from outside the ISA and 76.7 percent are from the ISA. This distinction is not made for waterfowl hunters.

The estimated expenditure per day for non-resident deer and antelope hunters is \$75. It is assumed that this total amount will be spent in the ISA for those non-residents whose destination is the ISA. This is based on the assumption that non-resident expenditures outside the ISA but in Montana would be offset by expenditures of non-residents in the ISA whose destination is to other areas in Montana.

The estimated expenditures per day for resident deer and antelope hunters in Montana is \$29. According to a study in Colorado, 32 percent of the deer and antelope hunters' expenditures are variable whereas 68 percent are fixed. (Fixed expenditures include clothing and equipment and are usually purchased in the place of residence. Variable expenditures, which include daily purchases such as gas, lodging and food are usually purchased in the hunting location.) It is assumed that this percentage is applicable to Montana and that all variable expenditures are spent in the hunting location whereas all fixed expenditures are spent in the place of residence.

It is further assumed that the variable expenditures by residents of the ISA would be made outside the ISA if it were not for the deer and antelope resource within the ISA. In this sense, the variable expenditures within the ISA represent new money; that is, a loss avoided. Fixed expenditures by residents in the ISA are not counted since these purchases would probably be made in the ISA regardless of local hunting opportunities.

The estimated expenditure for waterfowl hunting is \$18 per day. It is assumed that all waterfowl hunters are residents and that 25 percent of their expenditures are variable and therefore spent in the ISA.

The expenditure calculations, current expenditures for each species and, increases in expenditures by species by alternative are shown on the following tables. All sources are cited on the tables. There are no short term changes projected for geese or duck populations under any alternative. See Appendix 3.16 for the methodology used to translate expenditures into gross output, earnings and employment.

## ESTIMATED AVERAGE HUNTER EXPENDITURES

| Animal    | Non-resident Expenditures per Day | Percent of Total Hunters who are Non-residents | Resident Expenditures Per Day | Percentage of Resident Hunters who are from Outside the ISA | Percentage of Resident Hunters who are from the ISA | Percentage of Total Expenditures that are Variable <sup>c</sup> |
|-----------|-----------------------------------|--|-------------------------------|---|---|---|
| Deer      | \$75                              | 4.5% <sup>a</sup>                              | \$29 <sup>b</sup>             | 15.0% <sup>a</sup>  | 80.5%   | 32%   |
| Antelope  | \$75                              | 3.3% <sup>a</sup>                              | \$29 <sup>b</sup>             | 20.0% <sup>a</sup>  | 76.7%   | 32%   |
| Waterfowl | -                                 | -  | \$18 <sup>c</sup>             | -   | -   | 25%   |

## Calculations of Average Expenditures Per Hunter Day

$$\text{Deer: } (75 \times .045) + (29 \times .15 \times 32) + (29 \times .805 \times .32) = \$12.2$$

$$\text{Antelope: } (75 \times .033) + (29 \times .20 \times 32) + (29 \times .767 \times .32) = \$11.4$$

$$\text{Waterfowl: } \$18 \times .25 = 4.5$$

<sup>a</sup> This figure represents an average of 20% for mule deer and 10% for whitetail deer.

Sources: <sup>a</sup> Dick Trunblod, Montana Department of Fish, Wildlife and Parks, 1980.

<sup>b</sup> Economic Survey: 1960, Montana Department of Fish and Game; Adjusted by Consumer Price Index to 1979 prices.

<sup>c</sup> 1975 National Survey of Hunting, Fishing and Wildlife - Associated Recreation Conducted for U.S. Department of the Interior, Fish and Wildlife Service by National Analysis, Division of Booz, Allen & Hamilton, Inc.

<sup>d</sup> A Survey of Sportsmen Expenditures for Hunting and Fishing in Colorado, 1968 CO Division of Game, Fish & Parks, 1970.

HUNTER DAYS AND EXPENDITURES FOR WILDLIFE/RECREATION  
IN THE INTENSIVE STUDY AREA FOR THE CURRENT SITUATION

| Animal   | Current Population | % Animals Harvested | Number Animals Harvested | Hunter Days Required to Harvest One Animal | Total # Harvest Days | Average Expenditure per Day | Total Expenditures |
|----------|--------------------|---------------------|--------------------------|--|----------------------|-----------------------------|--------------------|
| Deer     | 7,245              | .15 a               | 1,087                    | 7.5 c                                      | 8,153                | 12.2                        | 99,467             |
| Antelope | 4,495              | .20 a               | 899                      | 3 c  | 2,697                | 11.4                        | 30,746             |
| Ducks    | 34,800             | .05 b               | 1,740                    | 0.5 d                                      | 870                  | 4.5                         | 3,915              |
| Geese    | 1,100              | .05 b               | 55                       | 3 a  | 165                  | 4.5                         | 743                |
| Total    |                    |                     |                          |  |                      |                             | 134,871            |

Sources: a Dick Trueblood, Montana Department of Fish, Wildlife and Parks, 1980.

b Don Childress, Montana Department of Fish, Wildlife and Parks, 1980.

c Big Game Harvest Survey, 1973-79, Montana Department of Fish, Wildlife and Parks, 1980.

d Prairie Potholes Waterfowl and Fisheries Habitat Management Plan of North Central Montana, BLM, 1978.

INCREASED HUNTER DAYS AND EXPENDITURES FOR DRER IN THE INTENSIVE STUDY AREA BY ALTERNATIVE

| Alternative | Short Term                      |                         |                     |                                |  |                        |                           | Additional Total Annual Expenditure |
|-------------|---------------------------------|-------------------------|---------------------|--------------------------------|--|------------------------|---------------------------|-------------------------------------|
|             | Change from Existing Population | Additional # of Animals | % Animals Harvested | Additional # Animals Harvested | Hunter Days Req. to Harvest One Animal | Additional Hunter Days | Average Daily Expenditure |                                     |
| A           | 0                               | 0                       | .15                 | 0                              | 7.5                                    | 0                      | \$12.2                    | \$ 0                                |
| B           | 0                               | 0                       | .15                 | 0                              | 7.5                                    | 0                      | \$12.2                    | 0                                   |
| C           | 0                               | 0                       | .15                 | 0                              | 7.5                                    | 0                      | \$12.2                    | 0                                   |
| D           | 0                               | 0                       | .15                 | 0                              | 7.5                                    | 0                      | \$12.2                    | 0                                   |
| E           | 3x                              | 14,490                  | .15                 | 2,174                          | 7.5                                    | 16,305                 | \$12.2                    | 198,921                             |
| F           | 0                               | 0                       | .15                 | 0                              | 7.5                                    | 0                      | \$12.2                    | 0                                   |
| Long Term   |                                 |                         |                     |                                |  |                        |                           |                                     |
| A           | 2x                              | 7,245                   | .15                 | 1,087                          | 7.5                                    | 8,153                  | \$12.2                    | 99,467                              |
| B           | 2x*                             | 4,661                   | .15                 | 699                            | 7.5                                    | 5,243                  | \$12.2                    | 63,965                              |
| C           | 1.5x                            | 3,623                   | .15                 | 543                            | 7.5                                    | 4,073                  | \$12.2                    | 49,691                              |
| D           | 3x                              | 14,490                  | .15                 | 2,174                          | 7.5                                    | 16,305                 | \$12.2                    | 198,921                             |
| E           | 3x                              | 14,490                  | .15                 | 2,174                          | 7.5                                    | 16,305                 | \$12.2                    | 198,921                             |
| F           | 0                               | 0                       | .15                 | 0                              | 7.5                                    | 0                      | \$12.2                    | 0                                   |

\* On existing and proposed AMPs only

Source: BLM, 1980.

## INCREASED HUNTER DAYS AND EXPENDITURES FOR ANTELOPE IN THE INTENSIVE STUDY AREA BY ALTERNATIVE

| Alternative | Short Term                      |                        |                     |                                |  |                        |                           | Additional Total Annual Expenditure |
|-------------|---------------------------------|------------------------|---------------------|--------------------------------|--|------------------------|---------------------------|-------------------------------------|
|             | Change from Existing Population | # of Animals Harvested | % Animals Harvested | Additional # Animals Harvested | Hunter Days Req. to Harvest One Animal | Additional Hunter Days | Average Daily Expenditure |                                     |
| A           | 0                               | 0                      | .20                 | 0                              | 3                                      | 0                      | \$11.4                    | \$ 0                                |
| B           | 0                               | 0                      | .20                 | 0                              | 3                                      | 0                      | \$11.4                    | 0                                   |
| C           | 0                               | 0                      | .20                 | 0                              | 3                                      | 0                      | \$11.4                    | 0                                   |
| D           | 0                               | 0                      | .20                 | 0                              | 3                                      | 0                      | \$11.4                    | 0                                   |
| E           | 3x                              | 8,990                  | .20                 | 1,798                          | 3                                      | 5,394                  | \$11.4                    | 61,492                              |
| F           | 0                               | 0                      | .20                 | 0                              | 3                                      | 0                      | \$11.4                    | 0                                   |

| Alternative | Long Term |       |     |       |   |       |        | Additional Total Annual Expenditure |
|-------------|-----------|-------|-----|-------|---|-------|--------|-------------------------------------|
|             | 2x        | 4,495 | .20 | 899   | 3 | 2,597 | \$11.4 |                                     |
| A           | 2x*       | 2,219 | .20 | 444   | 3 | 1,332 | \$11.4 | 15,185                              |
| B           | 2x*       | 2,248 | .20 | 450   | 3 | 1,350 | \$11.4 | 15,390                              |
| C           | 1.5x      | 8,990 | .20 | 1,798 | 3 | 5,394 | \$11.4 | 61,492                              |
| E           | 3x        | 8,990 | .20 | 1,798 | 3 | 5,394 | \$11.4 | 61,492                              |
| F           | 0         | 0     | .20 | 0     | 3 | 0     | \$11.4 | 0                                   |

\* On existing and proposed ANPs only

Source: SLM, 1980.

## INCREASED HUNTER DAYS AND EXPENDITURES FOR DUCKS AND GEESE IN THE INTENSIVE STUDY AREA BY ALTERNATIVE IN THE LONG TERM

| Alternative | Additional # of Animals Fledged | % Harvested | Additional # Animals Harvested | Hunter Days Required to Harvest One Animal | Additional Hunter Days | Average Daily Expenditure | Additional Total Annual Expenditure |        |
|-------------|---------------------------------|-------------|--------------------------------|--|------------------------|---------------------------|-------------------------------------|--------|
|             |                                 |             |                                |  |                        |                           | Ducks                               | Geese  |
| A           | 39,800                          | .05         | 1,990                          | .5   | 995                    | \$4.5                     | \$ 4,878                            |        |
| B           | 7,600                           | .05         | 380                            | .5   | 190                    | \$4.5                     |                                     | 855    |
| C           | 39,800                          | .05         | 1,990                          | .5   | 995                    | \$4.5                     |                                     | 4,478  |
| D           | 123,200                         | .05         | 6,160                          | .5   | 3,080                  | \$4.5                     |                                     | 13,860 |
| E           | 100,100                         | .05         | 5,005                          | .5   | 2,503                  | \$4.5                     |                                     | 11,264 |
| F           | 0                               | .05         | 0                              | .5   | 0                      | \$4.5                     |                                     | 0      |

\* No short term changes in geese or duck populations are projected under any alternative

Source: SLM, 1980.

### APPENDIX 3.15: METHODOLOGY FOR SOCIAL ASSESSMENT

The values and attitudes of 72 residents of the intensive study area were surveyed for BLM by Abt Associates during January 1980. Personal interviews were conducted with a cross section of the population; some people were chosen because of their active role in local affairs. The types of people interviewed included: ranchers, recreationists, business people, citizens, elected officials, Indians, media people, bankers, conservationists/environmentalists and government civil servants. Many of the respondents were associated with more than one of these interests.

Because of Office of Management and Budget restrictions, the interviews resembled guided conversations rather than a structured survey. The interviewer had several topics in mind covering both natural resource and social issues but the content of the discussions varied. Natural resource issues included existing range condition and trend, impact of range condition on uses such as livestock grazing and hunting, and suggestions for how a balance among competing uses could be obtained. Social issues included the local level of social well-being, values and beliefs about the local lifestyle, and perceptions of BLM. The results of this survey were published in a paper entitled An Analysis of Attitudes Regarding Vegetation Allocation and Quality of Life in the Prairie Potholes Area of Montana.

Additional information regarding attitudes relevant to this EIS was obtained via a brochure that was sent to over 1,700 people or groups including all BLM permittees in the EIS area, a random sample of EIS area residents, special interest groups, state and Federal agencies, elected officials and selected academicians. The brochure contained a description of the initial alternatives and asked people/groups to identify issues that they felt should be addressed in the EIS. At the same time, an intensive media campaign (including radio, television and newspaper) solicited the same type of information. Over 210 letters containing a variety of types of responses were received and analyzed. In the majority of the responses the writer aligned himself with an alternative or interest such as protection of livestock grazing rights or wildlife habitat.

These two studies were the major sources of information used to develop the social sections of Chapters 3 and 4 for this EIS. However, caution must be used in interpreting this information to represent the entire range of attitudes in the EIS area or in saying the percentage of respondents with a given belief can be generalized to a proportion of the entire population. In the first study respondents were not randomly selected, nor were they given a specific set of questions. In the second set of information, response rate was very low (4 percent for the random sample and 12 percent overall) and again, a specific set of questions was not utilized.

## APPENDIX 3.16: METHODOLOGY FOR ASSESSING REGIONAL ECONOMIC IMPACTS

The analysis of the impacts of the alternatives on intensive study area output, earnings and employment is based on the Water Resource Council Regional Industrial Multiplier System (RIMS). The system was developed by the Regional Economic Analysis Division, Bureau of Economic Analysis (BEA), U. S. Department of Commerce. A complete explanation of the methodology and procedures for RIMS is provided in Water Resource Council Guide 5: Regional Multipliers. Also, an example of the application of RIMS to river basin planning is available in Regional Industrial Multiplier System - A Guide for River Basin Analysts, USDA Forest Service.

This section briefly explains RIMS and shows how it is applied in the regional impact analysis. RIMS is essentially a technique for estimating regional output multipliers which can be used to measure the impact of EIS alternatives on output. Changes in income and employment can be estimated from this output base.

RIMS is based on an input-output (I-O) model. The I-O model is composed of three parts; a processing sector, a final demand sector and a payments sector. The processing sector is divided into industries and displayed as a matrix; each industry is represented by a column showing purchases of that industry and a row showing its sales to others. Each element in the matrix shows the sales of the producing (row) industry to the purchasing (column) industry.

To the processing sector are added several rows for the payments sector (which includes imports, payments to governments, depreciation and payments to households) and several columns for the final demand sector (which includes government purchases, exports from the region and purchases of goods and services by households). It is important to remember that the final demand sector is the only autonomous sector in the economy and any change in production in the processing sector is a response to a change in demand.

The input-output table is constructed, in this case, for the BEA Economic Area - 094 - Great Falls, Montana. This area includes all the counties in the intensive study area plus four additional counties. Since the BEA Area represents a larger geographic area than the intensive study area, the RIMS multipliers tend to overestimate impact.

The industry-specific multipliers are calculated by first assuming that the regional economy is similar, but not identical to the national economy. The regional I-O table is constructed by "regionalizing" the national I-O table. The results of this procedure give the following gross output multipliers and components for the BEA Economic Area - 094 (Table 1). Only the industrial sectors whose final demand will change under the various EIS alternatives are listed.

TABLE 1: BEA ECONOMIC AREA - 094 - GREAT FALLS, MONTANA

| Industrial Sector | WRC Sector No. | Direct Effect Component | Indirect Effect Component | Gross Output Multiplier |
|-------------------|----------------|-------------------------|---------------------------|-------------------------|
| Meat, Animals     | 03             | .812                    | .553                      | 2.345                   |
| Construction      | 18             | .458                    | .296                      | 1.754                   |
| Trade             | 54             | .639                    | .416                      | 2.055                   |
| Services          | 56             | .648                    | .432                      | 2.071                   |

Based on these gross output multipliers, the impact on the intensive study area output, earnings and employment for each of the alternatives can be calculated. In this analysis the ranching, construction and recreation (represented by the service and trade sectors) industries are exempted. (In the intensive study area, construction and employment due to increases in Federal government employment are calculated directly from estimates of the number of new employees that will be needed in each alternative.) The first step in the analysis is to estimate increases/decreases in final demand. With respect to the ranching industry, this is accomplished by calculating the changes in gross livestock sales due to changes in BLM AUMs (see Appendix 3.13). Appendix 3.14 describes the methodology utilized to determine changes in recreation expenditures. Appendix \_\_\_ shows the changes in final demand relating to range development construction and maintenance expenditures.

The change in final demand is multiplied by the appropriate gross output multiplier to determine the impact on gross output for the region. The gross output is then multiplied by the gross output to earnings factor to determine changes in earnings to the region. Earnings are then multiplied by the employment/earnings ratio for the region to determine the impact on employment.

The application of this process is shown in the following example which traces the increase in recreation expenditures through to increases in earnings and employment for Alternative A (i.e. a backward linkage effect).

The annual increase in recreational expenditures, \$136,284 is divided to \$115,841 and \$20,443 for the trade and services, respectively. The 85%/15% apportionment is based on studies conducted by Colorado State University, Economics Department (J. R. McKeon, 1979). The trade sector expenditures cannot be used directly for final demand because the multiplier is based only on the marketing margin excluding the cost of the goods themselves. Thus the \$115,841 must be multiplied by .21 which results in a final demand of \$24,327. The methodology for translating the change in final demand into changes in earning and employment follows.

## APPENDIX 3.16: CONTINUED

$\Delta\text{GOO}$  = change in total gross output of all industries due to change in demand or exported output of industry  $j$  (Trade)  
 $\Delta\text{TE}$  = change in total earnings in the region due to change in demand for exported output of industry  $j$  (Trade)  
 $\Delta\text{D}_{E,j}$  = change in demand for exported output of industry  $j$  (Trade)  
 $M_j$  = gross output multiplier for industry  $j$  (Trade)  
 $e_j$  = factor for converting a change in gross output to a change in earnings  
 $a_{h,j}$  = household coefficient for industry  $j$ , representing sales of households (labor) to industry  $j$  (Trade)  
 $E.$  = national earnings/gross output ratio  
 $= .3008$

Given:  $\Delta\text{D}_{E,j} = \$24,327$  From Table 1:  $M_j = 2,055$

$E. = .3008$  From National I-O Model:  $a_{h,j} = .513$

Change in total gross output:  $\Delta\text{GOO} = \Delta\text{D}_{E,j}(M_j)$   
 $= \$24,327 (2,055)$   
 $= \$49,991$

Change in Earnings: Step 1 -  $e_j = (1/M_j)(a_{h,j}) + (1-1/M_j)(E.)$   
 $= (1/2,055)(.513) + (1-1/2,055)(.3008)$   
 $= .250 + .154$   
 $= .404$

Step 2 -  $\Delta\text{TE} = \Delta\text{GOO}(e_j)$   
 $= \$49,991 (.404)$   
 $= \$20,196$

Change in Total Employment:

$f$  = regional employment/earnings ratio

$\Delta\text{TM}$  = change in total employment in the region due to change in demand for the exported output of industry  $j$

Step 1 -  $f = \frac{\text{total employment in the region}}{\text{total earnings in the region}}$   
 $= 19,520/200,013,000$   
 $= .0000976$

Step 2 -  $\Delta\text{TM} = \Delta\text{TE}(f)$   
 $= 20,196 (.0000976)$   
 $= 1.97$

APPENDIX 4.1: ALLOTMENTS WHICH CONTAIN IMPORTANT WILDLIFE HABITAT

BIG GAME

Deer 4012, 4015, 4020, 4021, 4023-4025, 4030, 4034, 4047, 4052-4055, 4059, 4071, 4092, 4100, 4109, 4110, 4301, 4303, 4307, 4503, 4526, 4530, 4546, 4548-4550, 4713, 4715, 4718-4720, 4722-4726, 4873, 4979, 4982, 5029, 5038, 5057, 5065,

5023-5027, 5030, 5050, 5051, 5053, 5071, 5073-5076, 5080, 5091, 5093-5097, 5104, 5106-5112, 5114, 5115, 5118-5120, 5123-5126, 5128, 5130, 5133, 5135, 5136, 5152-5157, 5300, 5301, 5303, 5316, 5319, 5320, 5324, 5325, 5339, 5342-5347, 5351,

6001, 6003-6007, 6009-6014, 6016-6018, 6020, 6022, 6028, 6029, 6031, 6035, 6036, 6038-6040, 6042-6044, 6046, 6048, 6050, 6051, 6053, 6055, 6057, 6058-6079, 6070, 6072, 6073, 6075-6078, 6081, 6083, 6086, 6087, 6090, 6095, 6099, 6101, 6103, 6105, 6107, 6108, 6110, 6111-6112, 6119, 6122-6125, 6128-6134, 6136, 6137, 6151, 6178, 6183, 6217, 6220, 6229, 6231-6237, 6239, 6240, 6242, 6248, 6250, 6251, 6303, 6339, 6340, 6349, 6353-6356, 6358, 6364, 6367, 6368, 6378-6381, 6382-6399, 6401-6422, 6424-6428, 6454, 6456, 6458, 6461-6463, 6468, 6469, 6475-6479, 6481, 6484, 6485, 6489, 6490-6493, 6495, 6502, 6512, 6513, 6522, 6531-6533, 6541, 6543-6549, 6554, 6556, 6557, 6572, 6574-6576, 6589

Antelope

4010-4012, 4023-4026, 4031, 4043, 4054, 4069-4071, 4083, 4084, 4092, 4093, 4099-4111, 4116-4118, 4121, 4125, 4126, 4200-4202, 4203, 4301, 4303, 4304, 4307, 4309, 4311, 4312, 4708-4711, 4714-4718, 4722, 4724-4728,

5030, 5050, 5051, 5073, 5075, 5077, 5089, 5094, 5096, 5108-5112, 5114-5116, 5130-5134, 5152-5156, 5300, 5301, 5303, 5307, 5324-5326,

6062, 6081, 6083, 6086, 6090, 6095, 6111, 6114, 6116, 6124, 6239, 6378, 6379, 6381, 6392-6397, 6468, 6469, 6492, 6545, 6567,

Elk 6388-6391, 6394-6397, 6545, 6572, 6574-6576

UPLAND GAME

Sharp-tailed Grouse 4000, 4002, 4005, 4008, 4010, 4012, 4014-4020, 4022-4027, 4030, 4032, 4036, 4037, 4041, 4042, 4047, 4049, 4053-4056, 4059, 4062, 4063, 4067, 4068, 4070, 4071, 4073, 4076, 4079, 4085, 4090, 4092, 4096, 4106, 4109, 4112, 4113, 4116, 4126, 4201, 4301-4304, 4308, 4309, 4312, 4303, 4305, 4512-4514, 4516-4519, 4524-4527, 4530, 4533, 4534, 4536, 4536, 4540, 4550, 4553, 4553, 4564, 4572, 4567, 4572, 4707, 4708, 4710-4713, 4715-4718, 4722-4728,

5012, 5023-5027, 5037, 5039, 5040, 5047, 5051, 5055-5057, 5061, 5062, 5065, 5066, 5067, 5070, 5071, 5073, 5075-5077, 5088, 5087-5091, 5094-5097, 5104, 5106-5122, 5115, 5116, 5119, 5122, 5127, 5130-5133, 5139, 5144, 5149, 5150, 5152-5155, 5157, 5158, 5300, 5307, 5315, 5319, 5315, 5328, 5330, 5332, 5337, 5342-5345, 5351, 5352, 5354-5357, 5362-5364, 5366, 5369, 5369, 5370, 5372, 5386, 5400-5402, 5405, 5406, 5408, 5411, 5414, 5416-5418, 5422, 5424, 5429, 5436, 5437, 5443, 5461

6012, 6039-6041, 6057, 6062, 6099, 6107, 6116, 6119, 6120, 6129, 6131, 6132, 6136, 6235

Sage Grouse

4024, 4116, 4304, 4309, 4321, 4335, 4346, 4350, 4553-4355, 4357, 4363, 4572, 4702, 4707, 4708, 4711, 4718, 4722, 5112, 5130, 5133, 5135, 5135, 5325, 5337, 5399, 5402, 5408, 5410, 5413, 5414, 5417, 5427, 5429, 5439, 5460

6008, 6048, 6057, 6058, 6072, 6083, 6131, 6132, 6239

Waterfowl

All Allotments

Prairie Dog Towns

4019, 4301, 4563

5112, 5308, 5309, 5328, 5333, 5357, 5376, 5377, 5387, 5398  
6302, 6349, 6378

Fisheries

4059, 4301, 4310, 4325, 4551, 4553, 4560, 4563, 4713, 4726

5012, 5017, 5038, 5072, 5150, 5406, 5423, 5427

6006, 6071, 6086, 6111, 6230, 6236, 6239

High Value Stream-side Riparian

4009, 4010, 4012, 4042, 4071, 4083, 4098, 4100, 4301, 4303, 4519, 4530, 4548, 4571, 4572, 4700, 4702-4704, 4708-4711, 4714-4718, 4719, 4723, 4724, 4726, 4727

5010, 5012, 5036-5039, 5062, 5064, 5094, 5096, 5097, 5104, 5107, 5109, 5353-5355, 5402, 5405, 5408, 5409, 5414, 5460

6001, 6005-6007, 6010-6012, 6016-6018, 6020, 6022, 6029, 6031, 6040, 6050, 6051, 6053, 6062, 6064, 6065, 6095, 6114, 6116, 6124, 6223, 6236, 6239, 6248, 6251, 6255, 6364, 6367-6369, 6378, 6380, 6384, 6396, 6398, 6399, 6401, 6226, 6124, 6233, 6236, 6239, 6248, 6251, 6255, 6364, 6367-6369, 6378, 6380, 6384, 6396, 6398, 6399, 6401, 6437, 6439-6441, 6444, 6445, 6447, 6487, 6495

Advisory  
Council On  
Historic  
Preservation

APPENDIX 4.2: PROGRAMMATIC MEMORANDUM OF AGREEMENT

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1522 K Street NW.  
Washington D.C.  
20005

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PROGRAMMATIC MEMORANDUM OF AGREEMENT  
BETWEEN THE  
DEPARTMENT OF THE INTERIOR, BUREAU OF LAND MANAGEMENT,  
THE ADVISORY COUNCIL ON HISTORIC PRESERVATION,  
AND THE  
NATIONAL CONFERENCE OF STATE HISTORIC PRESERVATION OFFICERS  
REGARDING THE  
LIVESTOCK GRAZING AND RANGE IMPROVEMENT PROGRAM

WHEREAS, the Department of the Interior, Bureau of Land Management, administers public lands, principally in the 11 Western States and Alaska, under concepts of multiple-use and sustained yield, and, among other responsibilities, the Bureau of Land Management is charged with management of rangeland and forage products under the Taylor Grazing Act of 1934 (43 U.S.C. 315) and the Federal Land Policy and Management Act of 1976 (43 U.S.C. 1701), which also charges the Bureau of Land Management with the management and protection of cultural resources; and

WHEREAS, Section 106 of the National Historic Preservation Act (16 U.S.C. 470f, as amended, 90 Stat. 1320) requires that the head of any Federal agency having direct or indirect jurisdiction over a proposed Federal, federally assisted, or federally licensed undertaking affecting properties in or eligible for the National Register of Historic Places shall afford the Advisory Council on Historic Preservation (hereafter Council) a reasonable opportunity for comment; and

WHEREAS, livestock grazing and range improvement activities undertaken by the Bureau of Land Management may have an effect upon properties in or eligible for the National Register of Historic Places and will require compliance with Section 106 of the National Historic Preservation Act, Section 2 of Executive Order 11593, May 13, 1971, "Protection and Enhancement of the Cultural Environment," and the Council's regulations, "Protection of Historic and Cultural Properties" (36 CFR Part 800); and

WHEREAS, the Bureau of Land Management is currently engaged in an ongoing program of rangeland management which involves the preparation, by 1988, of approximately 145 environmental statements on specific areas where grazing is permitted on approximately

Programmatic Memorandum of Agreement  
Livestock Grazing & Range Improvement Program  
Bureau of Land Management  
Page 2

174 million acres of public lands in the Western States and has requested Council review of the rangeland management program; and

WHEREAS, the Council and the Bureau of Land Management have met and reviewed the livestock grazing and range improvement program of the Bureau of Land Management and its relation to compliance with Section 106 of the National Historic Preservation Act of 1966 and Executive Order 11593, as implemented by the Council's regulations (36 CFR Part 800) and the responsibilities for historic and cultural resources under the National Environmental Policy Act of 1969 (42 U.S.C. 4321) as implemented by the Council on Environmental Quality in the "National Environmental Policy Act Regulations" (40 CFR Parts 1500-1508).

NOW, THEREFORE, it is mutually agreed that the Bureau of Land Management will ensure, through the stipulations outlined in this Programmatic Memorandum of Agreement, that historic and cultural properties will be given adequate consideration in grazing management program decisions and implementation which includes, but is not limited to, the preparation of grazing environmental statements, thereby meeting its responsibilities under Section 106 of the National Historic Preservation Act.

#### STIPULATIONS

1. The Bureau of Land Management will conduct Class I (existing data inventory) and Class II (sampling field inventory) inventories of historic and cultural properties, as specified in BLM Manual Section 8111, to be completed at the appropriate planning stage and prior to the preparation of the draft environmental statement. Inventory results will be evaluated, in consultation with the appropriate State Historic Preservation Officer, to identify properties included in or eligible for inclusion in the National Register of Historic Places.
  - a. The inventory requirement may be modified on a case by case basis for interim grazing environmental statements (i.e., those prepared during fiscal years 1979 through 1981) if an alternative is acceptable to the appropriate State Historic Preservation Officer.

Programmatic Memorandum of Agreement  
Livestock Grazing & Range Improvement Program  
Bureau of Land Management  
Page 3

- b. If an acceptable alternative cannot be negotiated with the appropriate State Historic Preservation Officer, then the Bureau of Land Management will proceed with the preparation of the environmental statement and request the comments of the Council in accordance with 36 CFR 800. The Council's comments will be included in the final environmental statement.
2. This Programmatic Memorandum of Agreement and the inventory reports identifying historic and cultural properties will be referenced in each environmental statement.
3. Prior to commencement of any range improvement activities which involve land disturbance, the Bureau of Land Management will conduct a Class III inventory, as specified in the BLM Manual Section 8111.4, supplementing previous surveys to locate, identify, and evaluate properties in the impact area that may be eligible for inclusion in the National Register of Historic Places. Range improvement activities which involve land disturbance include, but are not limited to, such activities as construction of fencing and corrals, water development, chaining, and controlled burning. If properties that may be eligible for the National Register are found, the Bureau of Land Management will consult with the appropriate State Historic Preservation Officer and forward the documentation to the Keeper of the National Register to obtain a determination of eligibility in accordance with 36 CFR Part 63.
4. The Bureau of Land Management will provide the appropriate State Historic Preservation Officer with copies of the reports of the Class I, II, and III inventories in accordance with Sections 102(a)(2) and 202(c)(9) of the Federal Land Policy and Management Act of 1976 for inclusion as part of the State inventory conducted pursuant to 36 CFR Part 61.
5. The Bureau of Land Management will design the livestock grazing and range improvement program to avoid adverse effects on properties included in or eligible for inclusion in the National Register of Historic Places, unless this is not prudent or feasible.

Programmatic Memorandum of Agreement  
Livestock Grazing & Range Improvement Program  
Bureau of Land Management  
Page 4

6. Where it is not prudent or feasible to avoid adverse effects on properties included in or eligible for inclusion in the National Register of Historic Places as part of a livestock grazing and range improvement program authorization and the property is not a National Historic Landmark or National Historic Site, the Bureau of Land Management will consult with the appropriate State Historic Preservation Officer and will:
  - a. Develop mutually acceptable measures to mitigate the impact of the proposed action; and
  - b. Notify the Council in writing of agreements reached with the State Historic Preservation Officer under the provisions of 6(a) above. The Council need not be afforded further opportunity for review and comment.
7. The provisions of this Programmatic Memorandum of Agreement shall apply to the States of Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.
8. If it is determined that the affected property is a National Historic Landmark or National Historic Site, or agreement cannot be reached between the Bureau of Land Management and the appropriate State Historic Preservation Officer on satisfactory mitigation measures, the Bureau of Land Management will request the comments of the Council in accordance with 36 CFR Part 800.
9. At the request of the President or a Member of Congress, the Council may advise the Bureau of Land Management, that a particular action, authorized by a grazing permit or lease, will require individual review and comment pursuant to 36 CFR Part 800. In that event, the Bureau of Land Management will comply with the provisions of the Council's regulations.
10. The Council and the Bureau of Land Management will review the provisions of this Agreement on an annual basis to determine whether modification or termination is appropriate. Should the current livestock grazing program of the Bureau of Land Management be revised, the ratifying parties will mutually determine whether the provisions of the Agreement will continue to apply.

Programmatic Memorandum of Agreement  
Livestock Grazing & Range Improvement Program  
Bureau of Land Management  
Page 5

Robert H. Utley 8/20/79  
Deputy Executive Director (date)  
Advisory Council on Historic  
Preservation

Associate El Hartley 12/31/79  
Director, Bureau of Land Management (date)

Sammy E. Jim 8/26/79  
President, National Conference of (date)  
State Historic Preservation Officers

Robert H. Utley 1/14/80  
Chairman (date)  
Advisory Council on Historic  
Preservation

#### APPENDIX 4.3: CONSUMPTIVE USE OF WATER BY LIVESTOCK

Consumptive water use by livestock was calculated by assuming that livestock consumed ten gallons of water per day. For a 30 day period usage would be 300 gallons per animal unit. Since 30 days equal 1 month, water consumption is 300 gallons per AUM. In each alternative, water consumption is derived by multiplying total livestock AUMs by 300 which gives water consumption for 1 month.

Water consumption for 1 year is obtained by multiplying monthly use by 12. All water consumption is referred to in acre-feet/year. This conversion is made by dividing monthly or yearly use by 326,000 gallons/acre-foot.

For example: Alternative A = 319,065 AUMs.

Step 1. 1 animal unit x 30 days x 10 gallons/day = 300 gallons/AUM

Step 2. 317,537 AUMs x 300 gallons/AUM = 95,719,500 gallons/month.

Step 3. 95,719,500 gallons/month divided by 326,000 gallons/acre-foot = 294 acre-feet/month.

Step 4. 294 acre-feet/month x 12 months = 3,523 acre-feet/year.

#### APPENDIX 4.4: CALCULATIONS OF LIVESTOCK PRODUCTION BY ALTERNATIVE

Calculations were based on pounds of live weight produced by yearlings grazing for six months. Rex Kartchner (personnel communication 1981) estimated the average daily gain of yearlings grazing spring-fall to be 1.75 pounds. The daily gain would be much higher (2-3 pounds/day) during the spring, according to Kartchner. A yearling factor of .75 was used to adjust AUMs.

Calculations are as follows: AUMs x .75 = yearling AUMs x 52.5 (monthly gain 30 x 1.75) = pounds of livestock production.



## United States Department of the Interior

IN REPLY REFER TO  
1792  
ES File

BUREAU OF LAND MANAGEMENT  
District Office  
Drawer 1160  
Lewistown, Montana 59457

AUG 25 1980

Memorandum

To: The File  
From: John J. Grensten, Wildlife Management Biologist  
Subject: Projected Wildlife Populations For The Six Alternatives of  
The Prairie Pothole EIS

Dick Trueblood and Bob Watts of the Montana Dept. of Fish, Wildlife and Parks, and Larry Eichhorn, John Fahlgren and John Grensten met in the Lewistown District Office to discuss the subject information.

After a discussion of each alternative within the EIS a projected population was determined as follows:

Alternative 1 "Freezing Range Program"  
Short-term - existing population  
Long-term - maintain existing population

Alternative 2 "No Grazing"  
Short-term - 3 times the existing population  
(i.e. 3 deer/sec to 9 deer/sec)  
Long-term - maintain 3 times the existing population not considering the influence of severe winters.

Alternative 3 "Enhanced Wildlife - Watershed"  
Short-term - existing population  
Long-term - 3 times the existing population

Alternative 4 "Enhanced Livestock"  
Short-term - existing population  
Long-term - 1.5 times the existing population

Alternative 5 " Enhanced Combined"  
Short-term - existing population  
Long-term - 2 times the existing population

Alternative 6 " Present Management"  
Short-term - existing population  
Long-term - 2 times the existing population  
on the 94 existing and 70 proposed AMPs

We made these projections on assumptions which will be included in the assumption section of the EIS.

*John J. Grensten*

APPENDIX 4.6: CALCULATIONS FOR THE NUMBER OF DUCKS AND CANADA GEESE IN EACH ALTERNATIVE

Present Situation for all Alternatives

There are 2,298 reservoirs located in the EIS area. This data was collected from BLM project files and verified on aerial photos. Of the 2,298 reservoirs, 1,459 are retention type, 474 are pit-retention type and 365 are pit type. Gjersing (1971) reported that the retention and pit-retention reservoirs are the most important to waterfowl production when incorporated into a rest-rotation grazing treatment.

The 93 existing AMP allotments contain 907 retention or pit-retention reservoirs. All reservoirs in the EIS area average 3 acres in size (Jack Mandler, 1976, Personal Communication). Therefore, the existing 907 reservoirs contain 2,721 surface acres of water. Assuming that rest or deferment would be realized on 40 percent of the reservoirs through grazing treatments, the following calculation can be made. About 1,088 surface acres are under rest or deferment and would produce 9 ducks per surface acre (Gjersing, 1971 and Mandler, 1976) thus, totalling 9,792. The remaining 1,633 surface acres which would be grazed would produce 1 duck per surface acre (Gjersing, 1971 and Mandler, 1976); thus, 1,633 ducks.

The 1,026 reservoirs in the non-AMP allotment and 365 pits would all be grazed or provide less than optimum habitat. These reservoirs contain 4,173 surface acres of water and would produce 4,173 ducks.

The 93 existing AMP allotments also contain 1,149 natural potholes covering approximately 6,314 acres. The assumption is made that 50 percent of these potholes or 3,157 acres would have enough water to produce ducks. Again 40 percent of the 3,157 acres (1,263 acres) would be under rest or deferment and would produce 11,367 ducks. The remaining 60 percent (1,894 acres) would produce 1,894 ducks.

The non-AMP allotments contain 2,323 potholes covering 11,816 acres. These areas would be grazed and only half would contain water for duck production. Therefore, these potholes would produce 5,908 ducks.

In summary, the reservoirs and potholes in the AMP and non-AMP allotments have the potential of producing  $1,792 + 1,633 + 4,173 + 11,367 + 1,894 + 5,908 = 34,767$  or approximately 34,800 ducks annually.

Goose nesting islands have been placed on approximately 15 percent of the retention and pit-retention reservoirs (1,933) totalling 290 islands. McCarthy (1973) reported that about 70 percent of the islands are used by a breeding pair of geese and produce an average of 4 goslings per pair. Therefore, 290 islands at 70 percent occupancy would produce 812 geese.

The natural potholes also contain some natural islands. It is estimated that 10 percent of the potholes would contain enough water to produce a brood. However, with fluctuating water levels these islands would be much more susceptible to predation as McCarthy (1973) reported for shore nesting geese. Therefore, the assumption is made that 1 gosling per brood is produced on these islands. Thus the 3,472 potholes would produce 347 geese.

The remaining reservoirs and potholes without islands also produce geese. Hoff and Gjersing are completing a study in the EIS area which shows 1.6 geese produced per square mile. Thus, 1,750,000 acres divided by 640 acres = 2,734 square miles x 1.6 geese = 4,375 geese.

In summary, the reservoirs and potholes in the EIS area have the potential of producing  $812 + 347 + 4,375 = 5,534$  or approximately 5,500 geese annually.

Alternative A

In the longer term the 1,833 reservoirs covering 5,799 surface acres would all be under some grazing treatment with rest or deferment. Therefore, 40 percent (2,320 acres) would produce 9 ducks per surface acre or 20,880 ducks and 60 percent (3,479 acres) would produce 1 duck per surface acre or 3,479 ducks. The 365 pits covering 1,095 surface acres would produce 1 duck per surface acre or 1,095 ducks.

In the long term 50 percent of the 18,130 acres of potholes would contain water. They would all be under a grazing treatment with rest or deferment. Therefore, 40 percent (3,626 acres) would produce 9 ducks per surface acre or 32,634 and 60 percent (5,439 acres) would produce 1 duck per surface acre or 5,439 ducks.

The 1,000 new water sources would contain 840 retention or pit-retention reservoirs assuming that the new reservoirs would be built in the same proportions as the existing reservoirs. The 840 reservoirs covering 2,520 surface acres would all be under AMP allotments. Therefore, 40 percent (1,008 acres) would produce 9 ducks per surface acre or 9,072 and 60 percent (1,512 acres) would produce 1 duck per surface acre or 1,512 ducks. The 160 pits covering 480 surface acres would produce 1 duck per surface acre or 480 ducks.

In summary, the existing and new reservoirs and potholes would have the potential to produce  $20,880 + 3,479 + 1,095 + 32,634 + 5,439 + 9,072 + 1,512 + 480 + 74,591$  or approximately 74,600 ducks annually.

The 1,000 new reservoirs would contain approximately 840 goose nesting islands. With 70 percent occupancy and 4 goslings per brood the island could produce 2,352 or 2,350 geese, annually.

Alternative B

In the long term, 1,234 reservoirs covering 3,702 surface acres would be under some grazing treatment with rest or deferment. Therefore, 40 percent (1,481 acres) would produce 9 ducks per surface acre or 13,329 ducks and 60 percent (2,221 acres) would produce 1 duck per surface acre or 2,221 ducks. The remaining reservoirs 1,064 outside AMP allotments covering 3,192 surface acres would produce 1 duck per surface acre or 3,192 ducks.

In the long term 50 percent of the 6,018 acres of potholes in AMP allotments would have rest or deferment. Therefore 40 percent (1,204 acres) would produce 9 ducks per surface acre or 10,836 ducks and 60 percent (1,805 acres) would produce 1 duck per surface acre or 1,805 ducks. Also 6,056 acres of pothole would not be under AMP thus producing 1 duck per surface acre on 6,056 ducks.

The 450 new reservoirs would contain 378 retention or pit retention reservoirs covering 1,134 surface acres under an AMP with rest or deferment. Therefore, 40 percent (454 acres) would produce 9 ducks per surface acre or 4,086 ducks and 60 percent (680 acres) would produce 1 duck per surface acre or 680 ducks. The 72 pits covering 216 surface acres would produce 1 duck per surface acre or 216 ducks.

In summary, the existing and new reservoirs and potholes would have the potential to produce  $13,329 + 2,221 + 3,192 + 10,836 + 1,805 + 6,056 + 4,086 + 680 + 216 = 42,421$  or 42,400 ducks, annually.

The 450 new reservoirs would contain approximately 378 goose nesting islands. With 70 percent occupancy and 4 goslings per brood the islands could produce 1,058 or 1,060 geese, annually.

Alternative C

Goose and duck production are the same as the calculations in the long term of Alternative A.

Alternative D

The 1,933 reservoirs covering 5,799 surface acres would all produce 9 ducks per surface acre or 52,191 ducks because of the July 1 deferment and additional rest or deferment in the grazing treatments. The 365 pits covering 1,095 acres would only produce 1 duck per surface acre or 1,095 ducks.

In the long term 50 percent of the 18,130 acres would produce 9 ducks per surface acre or 81,585 ducks.

The 1,000 new water sources would contain 840 retention and pit-retention reservoirs covering 2,520 surface acres would produce 9 ducks per surface acre or 22,680 ducks. The 160 pits covering 480 acres would only produce 480 ducks.

In summary, the potholes and existing and new reservoirs would produce  $52,191 + 1,095 + 81,585 + 22,680 + 480 = 158,031$  or 158,000 ducks annually.

Goose production is the same as discussed in Alternative A.

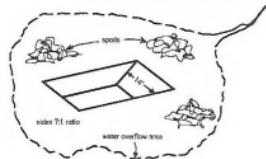
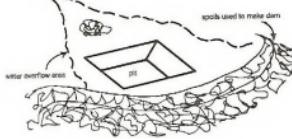
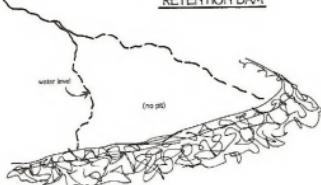
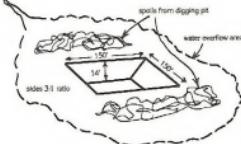
Alternative E

The duck production is the same as the calculation in Alternative D without the new reservoir production. That is  $52,191 + 1,095 + 81,585 = 134,871$  or 134,900 ducks annually.

Goose production is the same as the existing with no additional goose nesting islands that is 5,500 geese.

Alternative F

The calculations of the existing situation at the beginning of this appendix is the duck and goose production in this alternative.

WATERFOWL PIT PONDPIT RETENTIONRETENTION DAMPIT RESERVOIR

APPENDIX 4.7: ESTIMATED POSITIVE LONG TERM IMPACTS OF ALTERNATIVE A  
ON NET ANNUAL RANCH INCOME ON AFFCTED RANCHES

| Size By<br>Number<br>Of Brood<br>Cows    | Average<br>Number<br>Of Brood<br>Cows | Number<br>Of<br>Ranches | Average<br>Increase<br>In BLM AUMs<br>Per Ranch | Average<br>Percent<br>Increase<br>In BLM AUMs<br>Per Ranch | Average<br>Percent<br>Increase<br>In Total AUMs<br>Per Ranch | Average<br>Annual<br>Net<br>Livestock<br>Income<br>Per Ranch | Average<br>Annual<br>Net Crop<br>Income<br>Per Ranch | Average<br>Annual<br>Net Total<br>Income<br>Per Ranch | Increased Annual Income            |           |                |
|--|---------------------------------------|-------------------------|---|--|--|--|--|---|------------------------------------|-----------|----------------|
|  |                                       |                         |   |  |  |  |  |   | Average<br>Percentage<br>Per Ranch | Per Ranch | All<br>Ranches |
| Small Livestock<br>Small Cash Crop       | 0-100                                 | 60                      | 30  | 48   | 30.0   | 8.0  | \$ 2,846   | \$ ~  | \$ 2,846                           | \$ 248    | 9.0 \$ 7,440   |
| Small Livestock<br>Medium Cash Crop      | 0-100                                 | 60                      | 57  | 54   | 34.0   | 9.0  | 2,846  | 9,095   | 11,941                             | 281       | 2.0 16,017     |
| Small Livestock<br>Large Cash Crop       | 0-100                                 | 60                      | 40  | 74   | 47.0   | 13.0   | 2,846  | 43,020  | 45,866                             | 389       | 1.0 15,560     |
| Medium Livestock<br>Small Cash Crop      | 101-250                               | 170                     | 26  | 119  | 31.0   | 7.0  | 10,662   | -   | 10,662                             | 778       | 7.0 20,228     |
| Medium Livestock<br>Medium Cash Crop     | 101-250                               | 170                     | 68  | 123  | 32.0   | 7.0  | 10,662   | 9,095   | 19,757                             | 803       | 4.0 54,604     |
| Medium Livestock<br>Large Cash Crop      | 101-250                               | 170                     | 37  | 135  | 35.0   | 8.0  | 10,662   | 43,020  | 53,682                             | 879       | 2.0 32,523     |
| Large Livestock<br>Small Cash Crop       | 251-499                               | 350                     | 24  | 319  | 32.0   | 9.0  | 24,501   | -   | 24,501                             | 2,042     | 8.0 49,008     |
| Large Livestock<br>Medium Cash Crop      | 251-499                               | 350                     | 38  | 306  | 31.0   | 9.0  | 24,501   | 9,095   | 33,596                             | 1,978     | 6.0 75,164     |
| Large Livestock<br>Large Cash Crop       | 251-499                               | 350                     | 31  | 281  | 29.0   | 8.0  | 24,501   | 43,020  | 67,521                             | 1,850     | 3.0 57,350     |
| Very Large Livestock<br>Small Cash Crop  | 500 or<br>more                        | 900                     | 13  | 535  | 27.0   | 6.0  | 65,341   | -   | 65,341                             | 3,380     | 5.0 43,940     |
| Very Large Livestock<br>Medium Cash Crop | 500 or<br>more                        | 900                     | 12  | 485  | 25.0   | 6.0  | 65,341   | 9,095   | 74,436                             | 3,130     | 4.0 37,560     |
| Very Large Livestock<br>Large Cash Crop  | 500 or<br>more                        | 900                     | 19  | 702  | 36.0   | 8.0  | 65,341   | 43,020  | 108,361                            | 4,507     | 4.0 85,633     |
| TOTAL                                    |                                       | 395                     |   |  |  |  |  |   |                                    |           | \$ 495,027     |

Source: BLM, 1980

## APPENDIX 4.8: ANNUAL ECONOMIC IMPACT OF ALTERNATIVE A ON THE INTENSIVE STUDY AREA

|  | Agriculture        | Construction | Services <sup>8</sup> | Trade <sup>8</sup> | Government        | Total               | % of 1978 Total |
|--|--------------------|--------------|-----------------------|--------------------|-------------------|---------------------|-----------------|
| <b>Existing Situation (1978)<sup>1</sup></b> |                    |              |                       |                    |                   |                     |                 |
| Earnings (\$1,000)                           | 30,383             | 14,032       | 32,781                | 23,732             | 40,068            | 200,013             | 100             |
| Employment                                   | 3,372 <sup>7</sup> | 660          | 3,240                 | 2,687              | 4,304             | 19,520 <sup>9</sup> | 100             |
| <b>Short Term Changes<sup>2</sup></b>        |                    |              |                       |                    |                   |                     |                 |
| Sales <sup>4</sup> (\$1,000)                 | 0                  | 1,495        | 0                     | 0                  | -                 | -                   | -               |
| Gross Output <sup>4</sup> (\$1,000)          | 0                  | 2,622        | 0                     | 0                  | -                 | -                   | -               |
| Earnings <sup>4</sup> (\$1,000)              | 0                  | 771          | 0                     | 0                  | 614 <sup>10</sup> | 1,385 <sup>11</sup> | 0.7             |
| Employment <sup>3</sup>                      | 0                  | 75           | 0                     | 0                  | 32 <sup>10</sup>  | 107 <sup>11</sup>   | 0.5             |
| <b>Long Term Changes<sup>2</sup></b>         |                    |              |                       |                    |                   |                     |                 |
| Sales <sup>6</sup> (\$1,000)                 | 2,919              | 73           | 20                    | 116                | -                 | -                   | -               |
| Gross Output <sup>6</sup> (\$1,000)          | 6,845              | 128          | 42                    | 50                 | -                 | -                   | -               |
| Earnings <sup>6</sup> (\$1,000)              | 1,643              | 38           | 17                    | 20                 | 369 <sup>10</sup> | 2,087 <sup>11</sup> | 1.0             |
| Employment <sup>5</sup>                      | 160                | 4            | 2                     | 2                  | 18 <sup>10</sup>  | 186 <sup>11</sup>   | 1.0             |

1. Figures for existing situation indicate employment and earnings within the itemized sectors for 1978.
2. Figures for short term and long term changes indicate direct and indirect output, earnings and employment generated by the change in sales for the itemized sector (except for government sector, see #10).
3. The short term changes for employment indicate the total change from the existing situation during the first 7 years of implementation.
4. The short term changes for output, earnings and employment indicate the average annual change from the existing situation during the first 7 years of implementation.
5. Long term changes for employment indicate the total change from the existing situation during the 15 years of implementation following the first 7 years.
6. Long term changes for output, earnings and employment indicate the average annual change from the existing situation during the 15 years of implementation following the first 7 years.
7. Includes wage and salary and proprietary employment.
8. Recreation expenditures are divided into the service and trade sectors.
9. This is the total listed for all sectors in Tables 3.30 and 3.31.
10. This is only the direct change associated with government earnings and employment.
11. Total for changes in agriculture, construction, services, trade and government.

Source: NLM, 1980

APPENDIX 4.9: ESTIMATED POSITIVE LONG-TERM IMPACTS OF ALTERNATIVE B  
ON NET ANNUAL RANCH INCOME ON AFFECTED RANCHES

|  | Size By<br>Number<br>Of Brood<br>Cows | Average<br>Number<br>Of Brood<br>Cows | Number<br>Of<br>Ranches | Average<br>Increase<br>In BLM AUMs<br>Per Ranch | Average<br>Percent<br>Increase<br>In BLM AUMs<br>Per Ranch | Average<br>Percent<br>Increase<br>In Total AUMs<br>Per Ranch | Average<br>Annual<br>Net<br>Livestock<br>Income<br>Per Ranch | Average<br>Annual<br>Net Crop<br>Income<br>Per Ranch | Average<br>Annual<br>Net Total<br>Income<br>Per Ranch | Increased Annual Income<br>Average<br>Per Ranch<br>Percentage<br>Per Ranch<br>All<br>Ranches |
|--|---------------------------------------|---------------------------------------|-------------------------|---|--|--|--|--|---|--|
| Small Livestock<br>Small Cash Crop       | 0-100                                 | 60                                    | 12                      | 60  | 38.0   | 10.0   | \$ 2,846   | \$ -   | \$ 2,846  | \$ 314 11.0 \$ 3,768   |
| Small Livestock<br>Medium Cash Crop      | 0-100                                 | 60                                    | 12                      | 56  | 35.0   | 10.0   | 2,846  | 9,095  | 11,941  | 289 2.0 3,468  |
| Small Livestock<br>Large Cash Crop       | 0-100                                 | 60                                    | 11                      | 139   | 87.0   | 24.0   | 2,846  | 43,020   | 45,866  | 719 2.0 7,909  |
| Medium Livestock<br>Small Cash Crop      | 101-250                               | 170                                   | 12                      | 102   | 27.0   | 6.0  | 10,662   | -  | 10,662  | 678 6.0 8,136  |
| Medium Livestock<br>Medium Cash Crop     | 101-250                               | 170                                   | 31                      | 112   | 29.0   | 7.0  | 10,662   | 9,095  | 19,757  | 728 4.0 22,568   |
| Medium Livestock<br>Large Cash Crop      | 101-250                               | 170                                   | 16                      | 113   | 30.0   | 7.0  | 10,662   | 43,020   | 53,682  | 753 1.0 12,048   |
| Large Livestock<br>Small Cash Crop       | 251-499                               | 350                                   | 15                      | 394   | 40.0   | 12.0   | 24,501   | -  | 24,501  | 2,552 10.0 38,280  |
| Large Livestock<br>Medium Cash Crop      | 251-499                               | 350                                   | 21                      | 337   | 34.0   | 10.0   | 24,501   | 9,095  | 33,596  | 2,169 6.0 45,549   |
| Large Livestock<br>Large Cash Crop       | 251-499                               | 350                                   | 20                      | 231   | 24.0   | 7.0  | 24,501   | 43,020   | 67,521  | 1,531 2.0 30,620   |
| Very Large Livestock<br>Small Cash Crop  | 500 or<br>more                        | 900                                   | 7                       | 678   | 34.0   | 8.0  | 65,341   | -  | 65,341  | 4,257 7.0 29,799   |
| Very Large Livestock<br>Medium Cash Crop | 500 or<br>more                        | 900                                   | 8                       | 525   | 27.0   | 6.0  | 65,341   | 9,095  | 74,436  | 3,380 5.0 27,040   |
| Very Large Livestock<br>Large Cash Crop  | 500 or<br>more                        | 900                                   | 14                      | 741   | 38.0   | 8.0  | 65,341   | 43,020   | 108,361   | 4,758 4.0 66,612   |
| TOTAL                                    |                                       |                                       | 179                     |   |  |  |  |  |   | \$295,797  |

## APPENDIX 4.10: ANNUAL ECONOMIC IMPACT OF ALTERNATIVE B ON THE INTENSIVE STUDY AREA

|  | Agriculture        | Construction | Services <sup>8</sup> | Trade <sup>8</sup> | Government        | Total               | % of 1978 Total |
|--|--------------------|--------------|-----------------------|--------------------|-------------------|---------------------|-----------------|
| <b>Existing Situation (1978)<sup>1</sup></b> |                    |              |                       |                    |                   |                     |                 |
| Earnings (\$1,000)                           | 30,383             | 14,032       | 32,781                | 23,732             | 40,068            | 200,013             | 100             |
| Employment                                   | 3,372 <sup>7</sup> | 660          | 3,240                 | 2,687              | 4,304             | 19,520 <sup>9</sup> | 100             |
| <b>Short Term Changes<sup>2</sup></b>        |                    |              |                       |                    |                   |                     |                 |
| Sales <sup>4</sup> (\$1,000)                 | 0                  | 869          | 0                     | 0                  | -                 | -                   | -               |
| Gross Output <sup>4</sup> (\$1,000)          | 0                  | 1,525        | 0                     | 0                  | -                 | -                   | -               |
| Earnings <sup>4</sup> (\$1,000)              | 0                  | 448          | 0                     | 0                  | 299 <sup>10</sup> | 747 <sup>11</sup>   | 0.4             |
| Employment <sup>3</sup>                      | 0                  | 44           | 0                     | 0                  | 16 <sup>10</sup>  | 60 <sup>11</sup>    | 0.3             |
| <b>Long Term Changes<sup>2</sup></b>         |                    |              |                       |                    |                   |                     |                 |
| Sales <sup>6</sup> (\$1,000)                 | 1,452              | 35           | 12                    | 69                 | -                 | -                   | -               |
| Gross Output <sup>6</sup> (\$1,000)          | 3,405              | 62           | 25                    | 30                 | -                 | -                   | -               |
| Earnings <sup>6</sup> (\$1,000)              | 817                | 18           | 10                    | 12                 | 142 <sup>10</sup> | 999 <sup>11</sup>   | 0.5             |
| Employment <sup>5</sup>                      | 80                 | 2            | 1                     | 1                  | 7 <sup>10</sup>   | 91 <sup>11</sup>    | 0.5             |

1. Figures for existing situation indicate employment and earnings within the itemized sectors for 1978.
2. Figures for short term and long term changes indicate direct and indirect output, earnings and employment generated by the change in sales for the itemized sector (except for government sector, see #10).
3. The short term changes for employment indicate the total change from the existing situation during the first 7 years of implementation.
4. The short term changes for output, earnings and employment indicate the average annual change from existing situation during the first 7 years of implementation.
5. Long term changes for employment indicate the total change from the existing situation during the 15 years of implementation following the first 7 years.
6. Long term changes for output, earnings and employment indicate the average annual change from the current situation during the 15 years of implementation following the first 7 years.
7. Includes wage and salary and proprietary employment.
8. Recreation expenditures are divided into the service and trade sectors.
9. This is the total listed for all sectors in Tables 3.30 and 3.31.
10. This is only the direct change associated with government earnings and employment
11. Total for changes in agriculture, construction, services, trade and government.

Source: ELM, 1980

APPENDIX 4.11: ESTIMATED POSITIVE SHORT TERM IMPACTS OF ALTERNATIVE C  
ON NET ANNUAL RANCH INCOME ON AFFECTED RANCHES\*

| Size By<br>Number<br>Of Brood<br>Cows    | Average<br>Number<br>Of Brood<br>Cows | Number<br>Of<br>Ranches | Average<br>Increase<br>In ELM<br>AUMs<br>Per Ranch | Average<br>Percent<br>Increase<br>In ELM<br>AUMs<br>Per Ranch | Average<br>Increase<br>In Total<br>AUMs<br>Per Ranch | Average<br>Annual<br>Net<br>Livestock<br>Income<br>Per Ranch | Average<br>Annual<br>Net Crop<br>Income<br>Per Ranch | Average<br>Annual<br>Net Total<br>Income<br>Per Ranch | Increased Annual Income |                         |                |
|--|---------------------------------------|-------------------------|--|---|--|--|--|---|-------------------------|-------------------------|----------------|
|  |                                       |                         |  |   |  |  |  |   | Average<br>Per Ranch    | Percentage<br>Per Ranch | All<br>Ranches |
| Small Livestock<br>Small Cash Crop       | 0-100                                 | 60                      | 22   | 87  | 55.0   | 15.0   | \$ 2,846   | \$ -  | \$ 2,846                | 457                     | 16.0 \$ 10,054 |
| Small Livestock<br>Medium Cash Crop      | 0-100                                 | 60                      | 44   | 56  | 35.0   | 10.0   | 2,846  | 9,095   | 11,941                  | 291                     | 2.0 12,804     |
| Small Livestock<br>Large Cash Crop       | 0-100                                 | 60                      | 23   | 66  | 42.0   | 11.0   | 2,846  | 43,020  | 45,866                  | 349                     | 1.0 8,027      |
| Medium Livestock<br>Small Cash Crop      | 101-250                               | 170                     | 18   | 119   | 31.0   | 7.0  | 10,662   | -   | 10,662                  | 778                     | 7.0 14,004     |
| Medium Livestock<br>Medium Cash Crop     | 101-250                               | 170                     | 50   | 139   | 36.0   | 8.0  | 10,662   | 9,095   | 19,757                  | 904                     | 5.0 45,200     |
| Medium Livestock<br>Large Cash Crop      | 101-250                               | 170                     | 26   | 169   | 44.0   | 10.0   | 10,662   | 43,020  | 53,682                  | 1,104                   | 2.0 28,704     |
| Large Livestock<br>Small Cash Crop       | 251-499                               | 350                     | 17   | 363   | 37.0   | 11.0   | 24,501   | -   | 24,501                  | 2,361                   | 10.0 40,137    |
| Large Livestock<br>Medium Cash Crop      | 251-499                               | 350                     | 31   | 262   | 27.0   | 8.0  | 24,501   | 9,095   | 33,596                  | 1,723                   | 5.0 53,413     |
| Large Livestock<br>Large Cash Crop       | 251-499                               | 350                     | 26   | 276   | 28.0   | 8.0  | 24,501   | 43,020  | 67,521                  | 1,786                   | 3.0 46,436     |
| Very Large Livestock<br>Small Cash Crop  | 500 or<br>more                        | 900                     | 9  | 751   | 38.0   | 9.0  | 65,341   | -   | 65,341                  | 4,758                   | 7.0 42,822     |
| Very Large Livestock<br>Medium Cash Crop | 500 or<br>more                        | 900                     | 9  | 615   | 31.0   | 7.0  | 65,341   | 9,095   | 74,436                  | 3,881                   | 5.0 34,929     |
| Very Large Livestock<br>Large Cash Crop  | 500 or<br>more                        | 900                     | 18   | 546   | 28.0   | 6.0  | 65,341   | 43,020  | 108,361                 | 3,506                   | 3.0 63,108     |
|  |                                       | TOTAL                   | 293  |   |  |  |  |   |                         |                         | \$ 399,638     |

\* Includes operations with existing and proposed AUMs only and with a combination of AMP and non-AMP allotments

Source: BLM, 1980

APPENDIX 4.12: ESTIMATED NEGATIVE SHORT TERM IMPACT OF ALTERNATIVE C  
ON NET ANNUAL RANCH INCOME ON AFFECTED RANCHES\*

|  | Size By<br>Number<br>Of Brood<br>Cows | Average<br>Number<br>Of Brood<br>Cows | Number<br>Of<br>Ranches | Average<br>Increase<br>In BLM AUMs<br>Per Ranch | Average<br>Percent<br>Increase<br>In BLM AUMs<br>Per Ranch | Average<br>Percent<br>Increase<br>In Total AUMs<br>Per Ranch | Average<br>Annual Net<br>Livestock<br>Income<br>Per Ranch | Average<br>Annual<br>Net Crop<br>Income<br>Per Ranch | Average<br>Annual<br>Net Total<br>Income<br>Per Ranch | Increased<br>Annual<br>Income<br>Per Ranch | Average<br>Percentage<br>Per Ranch | Average<br>Percentage<br>All<br>Ranches |
|--|---------------------------------------|---------------------------------------|-------------------------|---|--|--|---|--|---|--|------------------------------------|---|
| Small Livestock<br>Small Cash Crop       | 0-100                                 | 60                                    | 8                       | 25  | 16.0   | 4.0  | \$ 2,846  | \$ -   | \$ 2,846  | \$ 277                                     | 10.0                               | \$ 2,216                                |
| Small Livestock<br>Medium Cash Crop      | 0-100                                 | 60                                    | 11                      | 22  | 14.0   | 4.0  | 2,846   | 9,095  | 11,941  | 243  | 2.0                                | 2,673                                   |
| Small Livestock<br>Large Cash Crop       | 0-100                                 | 60                                    | 15                      | 64  | 40.0   | 11.0   | 2,846   | 43,020   | 45,866  | 896  | 2.0                                | 13,440                                  |
| Medium Livestock<br>Small Cash Crop      | 101-250                               | 170                                   | 6                       | 138   | 31.0   | 7.0  | 10,662  | -  | 10,662  | 1,712                                      | 16.0                               | 10,272                                  |
| Medium Livestock<br>Medium Cash Crop     | 101-250                               | 170                                   | 18                      | 100   | 26.0   | 6.0  | 10,662  | 9,095  | 19,757  | 1,342                                      | 7.0                                | 24,156                                  |
| Medium Livestock<br>Large Cash Crop      | 101-250                               | 170                                   | 11                      | 131   | 34.0   | 8.0  | 10,662  | 43,020   | 53,682  | 1,986                                      | 4.0                                | 21,846                                  |
| Large Livestock<br>Small Cash Crop       | 251-499                               | 350                                   | 6                       | 100   | 10.0   | 3.0  | 24,501  | -  | 24,501  | 1,128                                      | 5.0                                | 6,768                                   |
| Large Livestock<br>Medium Cash Crop      | 251-499                               | 350                                   | 8                       | 133   | 14.0   | 4.0  | 24,501  | 9,095  | 33,596  | 1,619                                      | 5.0                                | 12,952                                  |
| Large Livestock<br>Large Cash Crop       | 251-499                               | 350                                   | 5                       | 79  | 8.0  | 2.0  | 24,501  | 43,020   | 67,521  | 838  | 1.0                                | 4,190                                   |
| Very Large Livestock<br>Small Cash Crop  | 500 or<br>more                        | 900                                   | 3                       | 499   | 25.0   | 6.0  | 65,341  | -  | 65,341  | 6,742                                      | 10.0                               | 20,226                                  |
| Very Large Livestock<br>Medium Cash Crop | 500 or<br>more                        | 900                                   | 3                       | 290   | 15.0   | 3.0  | 65,341  | 9,095  | 74,436  | 4,084                                      | 5.0                                | 12,252                                  |
| Very Large Livestock<br>Large Cash Crop  | 500 or<br>more                        | 900                                   | 1                       | 692   | 35.0   | 8.0  | 65,341  | 43,020   | 108,361   | 10,828                                     | 10.0                               | 10,828                                  |
|  |                                       |                                       | TOTAL                   | 95  |  |  |   |  |   |  |                                    | \$ 141,819                              |

\* Includes operations with existing and proposed AMPs only and with a combination of AMP and non-AMP allotments

Source: BLM, 1980

APPENDIX 4.13: ESTIMATED POSITIVE LONG TERM IMPACTS OF ALTERNATIVE C  
ON NET ANNUAL RANCH INCOME ON AFFECTED RANCHES\*

|  | Size By<br>Number<br>Of Brood<br>Cows | Average<br>Number<br>Of Brood<br>Cows | Number<br>Of<br>Ranches | Average<br>Increase<br>In BLM AUMs<br>Per Ranch | Average<br>Percent<br>Increase<br>In BLM AUMs<br>Per Ranch | Average<br>Percent<br>Increase<br>In Total AUMs<br>Per Ranch | Average<br>Annual Net<br>Livestock<br>Income<br>Per Ranch | Average<br>Annual Net<br>Crop<br>Income<br>Per Ranch | Average<br>Annual Net<br>Total<br>Income<br>Per Ranch | Increased Annual Income |                         |                |
|--|---------------------------------------|---------------------------------------|-------------------------|---|--|--|---|--|---|-------------------------|-------------------------|----------------|
|  |                                       |                                       |                         |   |  |  |   |  |   | Average<br>Per Ranch    | Percentage<br>Per Ranch | All<br>Ranches |
| Small Livestock<br>Small Cash Crop       | 0-100                                 | 60                                    | 31                      | 206   | 130.0  | 35.0   | \$ 2,846  | \$ -   | \$ 2,846  | \$ 1,079                | 38.0                    | \$ 33,449      |
| Small Livestock<br>Medium Cash Crop      | 0-100                                 | 60                                    | 57                      | 213   | 134.0  | 36.0   | 2,846   | 9,095  | 11,941  | 1,112                   | 9.0                     | 63,384         |
| Small Livestock<br>Large Cash Crop       | 0-100                                 | 60                                    | 36                      | 218   | 137.0  | 37.0   | 2,846   | 43,020   | 45,866  | 1,137                   | 2.0                     | 40,932         |
| Medium Livestock<br>Small Cash Crop      | 101-250                               | 170                                   | 25                      | 544   | 142.0  | 33.0   | 10,662  | -  | 10,662  | 3,564                   | 33.0                    | 89,100         |
| Medium Livestock<br>Medium Cash Crop     | 101-250                               | 170                                   | 64                      | 540   | 141.0  | 33.0   | 10,662  | 9,095  | 19,757  | 3,539                   | 18.0                    | 226,496        |
| Medium Livestock<br>Large Cash Crop      | 101-250                               | 170                                   | 33                      | 574   | 150.0  | 35.0   | 10,662  | 43,020   | 53,682  | 3,765                   | 7.0                     | 124,245        |
| Large Livestock<br>Small Cash Crop       | 251-499                               | 350                                   | 23                      | 1,267   | 129.0  | 37.0   | 24,501  | -  | 24,501  | 8,230                   | 34.0                    | 189,290        |
| Large Livestock<br>Medium Cash Crop      | 251-499                               | 350                                   | 38                      | 1,196   | 122.0  | 35.0   | 24,501  | 9,095  | 33,596  | 7,784                   | 23.0                    | 295,792        |
| Large Livestock<br>Large Cash Crop       | 251-499                               | 350                                   | 31                      | 1,181   | 120.0  | 35.0   | 24,501  | 43,020   | 67,521  | 7,656                   | 11.0                    | 237,336        |
| Very Large Livestock<br>Small Cash Crop  | 500 or<br>more                        | 900                                   | 11                      | 2,289   | 116.0  | 26.0   | 65,341  | -  | 65,341  | 14,523                  | 22.0                    | 159,753        |
| Very Large Livestock<br>Medium Cash Crop | 500 or<br>more                        | 900                                   | 11                      | 2,383   | 121.0  | 27.0   | 65,341  | 9,095  | 74,436  | 15,149                  | 20.0                    | 166,639        |
| Very Large Livestock<br>Large Cash Crop  | 500 or<br>more                        | 900                                   | 19                      | 2,877   | 146.0  | 33.0   | 65,341  | 43,020   | 108,361   | 18,279                  | 17.0                    | 347,301        |
| TOTAL                                    |                                       |                                       | 379                     |   |  |  |   |  |   |                         |                         | \$1,973,717    |

\* Includes operations with existing and proposed AUMs only and with a combination of AMP and non-AMP allotments.

Source: BLM, 1980

APPENDIX 4.14: ESTIMATED NEGATIVE LONG TERM IMPACTS OF ALTERNATIVE C  
ON NET ANNUAL RANCH INCOME ON AFFECTION RANCHES\*

|  | Size By<br>Number<br>Of Brood<br>Cows | Average<br>Number<br>Of Brood<br>Cows | Number<br>Of<br>Ranches | Average<br>Increase<br>In BLM AUMs<br>Per Ranch | Average<br>Percent<br>Increase<br>In BLM AUMs<br>Per Ranch | Average<br>Percent<br>Increase<br>In Total AUMs<br>Per Ranch | Average<br>Annual Net<br>Livestock<br>Income<br>Per Ranch | Average<br>Annual<br>Net Crop<br>Income<br>Per Ranch | Average<br>Annual<br>Net Total<br>Income<br>Per Ranch | Increased Annual Income<br>Average Percentage<br>Per Ranch | Average Percentage<br>Per Ranch | All<br>Ranches |
|--|---------------------------------------|---------------------------------------|-------------------------|---|--|--|---|--|---|--|---------------------------------|----------------|
| Small Livestock<br>Small Cash Crop       | 0-100                                 | 60                                    | 0                       | -   | -  | -  | \$ 2,846  | \$ -   | \$ 2,846  | \$ -   | -                               | \$ -           |
| Small Livestock<br>Medium Cash Crop      | 0-100                                 | 60                                    | 0                       | -   | -  | -  | 2,846   | 9,095  | 11,941  | -  | -                               | -              |
| Small Livestock<br>Large Cash Crop       | 0-100                                 | 60                                    | 4                       | 55  | 35.0   | 9.0  | 2,846   | 43,020   | 45,866  | 756  | 2.0                             | 3,024          |
| Medium Livestock<br>Small Cash Crop      | 101-250                               | 170                                   | 1                       | 170   | 45.0   | 10.0   | 10,662  | -  | 10,662  | 2,818  | 26.0                            | 2,818          |
| Medium Livestock<br>Medium Cash Crop     | 101-250                               | 170                                   | 4                       | 124   | 32.0   | 7.0  | 10,662  | 9,095  | 19,757  | 1,803  | 9.0                             | 7,212          |
| Medium Livestock<br>Large Cash Crop      | 101-250                               | 170                                   | 4                       | 105   | 27.0   | 6.0  | 10,662  | 43,020   | 53,682  | 1,411  | 3.0                             | 5,644          |
| Large Livestock<br>Small Cash Crop       | 251-499                               | 350                                   | 1                       | 63  | 6.0  | 2.0  | 24,501  | -  | 24,501  | 547  | 2.0                             | 547            |
| Large Livestock<br>Medium Cash Crop      | 251-499                               | 350                                   | 1                       | 72  | 7.0  | 2.0  | 24,501  | 9,095  | 33,596  | 692  | 2.0                             | 692            |
| Large Livestock<br>Large Cash Crop       | 251-499                               | 350                                   | 0                       | -   | -  | -  | 24,501  | 43,020   | 67,521  | -  | -                               | -              |
| Very Large Livestock<br>Small Cash Crop  | 500 or<br>more                        | 900                                   | 1                       | 740   | 38.0   | 8.0  | 65,341  | -  | 65,341  | 12,087   | 19.0                            | 12,087         |
| Very Large Livestock<br>Medium Cash Crop | 500 or<br>more                        | 900                                   | 1                       | 406   | 21.0   | 5.0  | 65,341  | 9,095  | 74,436  | 5,676  | 8.0                             | 5,676          |
| Very Large Livestock<br>Large Cash Crop  | 500 or<br>more                        | 900                                   | 0                       | -   | -  | -  | 65,341  | 43,020   | 108,361   | -  | -                               | -              |
| TOTAL                                    |                                       |                                       |                         |   |  |  |   |  |   |  |                                 | \$37,700       |

\* Includes operations with existing and proposed ANMs only and with a combination of AMP and non-AMP allotments

APPENDIX 4.15: ANNUAL ECONOMIC IMPACT OF ALTERNATIVE C ON THE INTENSIVE STUDY AREA

|  | Agriculture        | Construction | Services <sup>8</sup> | Trade <sup>8</sup> | Government          | Total               | % of 1978 Total |
|--|--------------------|--------------|-----------------------|--------------------|---------------------|---------------------|-----------------|
| Existing Situation (1978) <sup>1</sup> |                    |              |                       |                    |                     |                     |                 |
| Earnings (\$1,000)                     | 30,383             | 14,032       | 32,781                | 23,732             | 40,068              | 200,013             | 100             |
| Employment                             | 3,372 <sup>7</sup> | 660          | 3,240                 | 2,687              | 4,304               | 19,520 <sup>9</sup> | 100             |
| Short Term Changes <sup>2</sup>        |                    |              |                       |                    |                     |                     |                 |
| Sales <sup>4</sup> (\$1,000)           | 1,890              | 3,134        | 0                     | 0                  | -                   | -                   | -               |
| Gross Output <sup>4</sup> (\$1,000)    | 4,432              | 5,497        | 0                     | 0                  | -                   | -                   | -               |
| Earnings <sup>4</sup> (\$1,000)        | 1,064              | 1,616        | 0                     | 0                  | 1,016 <sup>10</sup> | 3,696 <sup>11</sup> | 1.8             |
| Employment <sup>3</sup>                | 104                | 158          | 0                     | 0                  | 53 <sup>10</sup>    | 317 <sup>11</sup>   | 1.6             |
| Long Term Changes <sup>2</sup>         |                    |              |                       |                    |                     |                     |                 |
| Sales <sup>6</sup> (\$1,000)           | 11,489             | 61           | 11                    | 60                 | -                   | -                   | -               |
| Gross Output <sup>6</sup> (\$1,000)    | 26,942             | 106          | 22                    | 26                 | -                   | -                   | -               |
| Earnings <sup>6</sup> (\$1,000)        | 6,466              | 31           | 9                     | 11                 | 369 <sup>10</sup>   | 6,886 <sup>11</sup> | 3.4             |
| Employment <sup>5</sup>                | 631                | 3            | 1                     | 1                  | 18 <sup>10</sup>    | 654 <sup>11</sup>   | 3.3             |

- Figures for existing situation indicate employment and earnings within the itemized sectors for 1978.
- Figures for short term and long term changes indicate direct and indirect output, earnings and employment generated by the change in sales for the itemized sector (except for government sector, see #10).
- The short term changes for employment indicate the total change from existing situation during the first 7 years of implementation.
- The short term changes for output, earnings and employment indicate the average annual change from the existing situation during the first 7 years of implementation.
- Long term changes for employment indicate the total change from the existing situation during the 15 years of implementation following the first 7 years.
- Long term changes for output, earnings and employment indicate the average annual change from the existing situation during the 15 years of implementation following the first 7 years.
- Includes wage and salary and proprietary employment.
- Recreation expenditures are divided into the service and trade sectors.
- This is the total listed for all sectors in Tables 3.30 and 3.31.
- This is only the direct change associated with government earnings and employment
- Total for changes in agriculture, construction, services, trade and government.

Sources: BLM, 1980

APPENDIX 4.16: ESTIMATED NEGATIVE SHORT TERM IMPACTS OF ALTERNATIVE D  
ON NET ANNUAL RANCH INCOME ON Affected RANCHES

|  | Size By Number Of Brood Cows | Average Number Of Brood Cows | Number Of Ranches | Average Increase In BLM AUMs Per Ranch | Average Percent Increase In BLM AUMs Per Ranch | Average Percent Increase In Total AUMs Per Ranch | Average Net Livestock Income Per Ranch | Average Net Crop Income Per Ranch | Average Net Total Income Per Ranch | Increased Annual Income |                      |             |
|--|------------------------------|------------------------------|-------------------|--|--|--|--|-----------------------------------|------------------------------------|-------------------------|----------------------|-------------|
|  |                              |                              |                   |  |  |  |  |                                   |                                    | Average Per Ranch       | Percentage Per Ranch | All Ranches |
| Small Livestock<br>Small Cash Crop       | 0-100                        | 60                           | 32                | 66                                     | 42.0   | 11.0   | \$ 2,846                               | \$ -                              | \$ 2,846                           | \$ 950                  | 33.0                 | \$ 30,400   |
| Small Livestock<br>Medium Cash Crop      | 0-100                        | 60                           | 56                | 59                                     | 37.0   | 10.0   | 2,846                                  | 9,095                             | 11,941                             | 812                     | 7.0                  | 45,472      |
| Small Livestock<br>Large Cash Crop       | 0-100                        | 60                           | 43                | 67                                     | 42.0   | 11.0   | 2,846                                  | 43,020                            | 45,866                             | 950                     | 2.0                  | 40,850      |
| Medium Livestock<br>Small Cash Crop      | 101-250                      | 170                          | 26                | 159                                    | 42.0   | 10.0   | 10,662                                 | -                                 | 10,662                             | 2,592                   | 24.0                 | 67,392      |
| Medium Livestock<br>Medium Cash Crop     | 101-250                      | 170                          | 68                | 161                                    | 42.0   | 10.0   | 10,662                                 | 9,095                             | 19,757                             | 2,592                   | 13.0                 | 176,256     |
| Medium Livestock<br>Large Cash Crop      | 101-250                      | 170                          | 39                | 165                                    | 43.0   | 10.0   | 10,662                                 | 43,020                            | 53,682                             | 2,668                   | 5.0                  | 104,052     |
| Large Livestock<br>Small Cash Crop       | 251-499                      | 350                          | 24                | 454                                    | 46.0   | 13.0   | 24,501                                 | -                                 | 24,501                             | 6,731                   | 29.0                 | 161,544     |
| Large Livestock<br>Medium Cash Crop      | 251-499                      | 350                          | 40                | 352                                    | 36.0   | 10.0   | 24,501                                 | 9,095                             | 33,596                             | 4,950                   | 15.0                 | 198,000     |
| Large Livestock<br>Large Cash Crop       | 251-499                      | 350                          | 33                | 269                                    | 27.0   | 8.0  | 24,501                                 | 43,020                            | 67,521                             | 3,388                   | 5.0                  | 111,894     |
| Very Large Livestock<br>Small Cash Crop  | 500 or more                  | 900                          | 13                | 446                                    | 23.0   | 5.0  | 65,341                                 | -                                 | 65,341                             | 6,209                   | 10.0                 | 80,717      |
| Very Large Livestock<br>Medium Cash Crop | 500 or more                  | 900                          | 11                | 764                                    | 39.0   | 9.0  | 65,341                                 | 9,095                             | 74,436                             | 12,507                  | 17.0                 | 137,577     |
| Very Large Livestock<br>Large Cash Crop  | 500 or more                  | 900                          | 19                | 884                                    | 45.0   | 10.0   | 65,341                                 | 43,020                            | 108,361                            | 14,926                  | 14.0                 | 283,594     |
| TOTAL                                    |                              |                              | 404               |  |  |  |  |                                   |                                    |                         |                      | \$1,437,658 |

Source: BLM, 1980

APPENDIX 4.17: ESTIMATED NEGATIVE LONG TERM IMPACTS OF ALTERNATIVE D ON  
NET ANNUAL RANCH INCOME ON AFFECTION RANCHES

| Size By<br>Number<br>Of Brood<br>Cows    | Average<br>Number<br>Of Brood<br>Cows | Number<br>Of<br>Ranches | Average<br>Increase<br>In BLM ALMs<br>Per Ranch | Average<br>Percent<br>Increase<br>In BLM ALMs<br>Per Ranch | Average<br>Percent<br>Increase<br>In Total ALMs<br>Per Ranch | Average<br>Net<br>Livestock<br>Income<br>Per Ranch | Average<br>Net Crop<br>Income<br>Per Ranch | Average<br>Annual<br>Net Total<br>Income<br>Per Ranch | Increased<br>Annual<br>Income<br>Per Ranch | Average<br>Percentage<br>Per Ranch | Annual<br>Income<br>Ranches |           |
|--|---------------------------------------|-------------------------|---|--|--|--|--|---|--|------------------------------------|-----------------------------|-----------|
| Small Livestock<br>Small Cash Crop       | 0-100                                 | 60                      | 23  | 45   | 28.0   | 8.0  | \$ 2,846                                   | \$ ~  | \$ 2,846                                   | \$ 561                             | 20.0                        | \$ 12,903 |
| Small Livestock<br>Medium Cash Crop      | 0-100                                 | 60                      | 37  | 58   | 36.0   | 10.0   | 2,846                                      | 9,095   | 11,941                                     | 784                                | 7.0                         | 29,008    |
| Small Livestock<br>Large Cash Crop       | 0-100                                 | 60                      | 29  | 51   | 32.0   | 9.0  | 2,846                                      | 43,020  | 45,866                                     | 674                                | 1.0                         | 19,546    |
| Medium Livestock<br>Small Cash Crop      | 101-250                               | 170                     | 20  | 118  | 31.0   | 7.0  | 10,662                                     | -   | 10,662                                     | 1,712                              | 16.0                        | 34,240    |
| Medium Livestock<br>Medium Cash Crop     | 101-250                               | 170                     | 54  | 117  | 31.0   | 7.0  | 10,662                                     | 9,095   | 19,757                                     | 1,712                              | 9.0                         | 92,448    |
| Medium Livestock<br>Large Cash Crop      | 101-250                               | 170                     | 33  | 140  | 37.0   | 8.0  | 10,662                                     | 43,020  | 53,682                                     | 2,224                              | 4.0                         | 73,392    |
| Large Livestock<br>Small Cash Crop       | 251-499                               | 350                     | 23  | 350  | 36.0   | 10.0   | 24,501                                     | -   | 24,501                                     | 4,950                              | 20.0                        | 113,850   |
| Large Livestock<br>Medium Cash Crop      | 251-499                               | 350                     | 32  | 225  | 23.0   | 7.0  | 24,501                                     | 9,095   | 33,596                                     | 2,754                              | 8.0                         | 88,128    |
| Large Livestock<br>Large Cash Crop       | 251-499                               | 350                     | 29  | 165  | 17.0   | 5.0  | 24,501                                     | 43,020  | 67,521                                     | 1,970                              | 3.0                         | 57,130    |
| Very Large Livestock<br>Small Cash Crop  | 500 or<br>more                        | 900                     | 13  | 192  | 10.0   | 2.0  | 65,341                                     | -   | 65,341                                     | 2,701                              | 4.0                         | 35,113    |
| Very Large Livestock<br>Medium Cash Crop | 500 or<br>more                        | 900                     | 9   | 442  | 22.0   | 5.0  | 65,341                                     | 9,095   | 74,436                                     | 5,942                              | 8.0                         | 53,478    |
| Very Large Livestock<br>Large Cash Crop  | 500 or<br>more                        | 900                     | 16  | 484  | 25.0   | 6.0  | 65,341                                     | 43,020  | 108,361                                    | 6,742                              | 6.0                         | 107,872   |
| TOTAL                                    |                                       |                         |   |  |  |  |  |   |  |                                    | \$ 717,108                  |           |

SOURCE: BLM, 1980

APPENDIX 4.18: POSITIVE LONG TERM IMPACTS OF ALTERNATIVE D ON  
NET ANNUAL RANCH INCOME ON AFFECTED RANCHES

| Size By<br>Number<br>Of Brood<br>Cows    | Average<br>Number<br>Of Brood<br>Cows | Number<br>Of Ranches | Average<br>Increase<br>In BLM AUMs<br>Per Ranch | Average<br>Percent<br>Increase<br>In BLM AUMs<br>Per Ranch | Average<br>Increase<br>In Total AUMs<br>Per Ranch | Average<br>Annual Net<br>Livestock<br>Income<br>Per Ranch | Average<br>Annual Net<br>Crop<br>Income<br>Per Ranch | Average<br>Annual Net<br>Total<br>Income<br>Per Ranch | Increased Annual Income            |           |                |
|--|---------------------------------------|----------------------|---|--|---|---|--|---|------------------------------------|-----------|----------------|
|  |                                       |                      |   |  |   |   |  |   | Average<br>Percentage<br>Per Ranch | Per Ranch | All<br>Ranches |
| Small Livestock<br>Small Cash Crop       | 0-100                                 | 60                   | 9   | 43   | 27.0  | 7.0   | \$ 2,846   | \$ -  | \$ 2,846                           | \$ 224    | 8.0 \$ 2,016   |
| Small Livestock<br>Medium Cash Crop      | 0-100                                 | 60                   | 19  | 46   | 29.0  | 8.0   | 2,846  | 9,095   | 11,941                             | 241       | 2.0 4,579      |
| Small Livestock<br>Large Cash Crop       | 0-100                                 | 60                   | 15  | 41   | 26.0  | 7.0   | 2,846  | 43,020  | 45,866                             | 216       | 0.0 3,240      |
| Medium Livestock<br>Small Cash Crop      | 101-250                               | 170                  | 6   | 62   | 16.0  | 4.0   | 10,662   | -   | 10,662                             | 402       | 4.0 2,412      |
| Medium Livestock<br>Medium Cash Crop     | 101-250                               | 170                  | 15  | 45   | 12.0  | 3.0   | 10,662   | 9,095   | 19,757                             | 301       | 2.0 4,515      |
| Medium Livestock<br>Large Cash Crop      | 101-250                               | 170                  | 5   | 62   | 16.0  | 4.0   | 10,662   | 43,020  | 53,682                             | 402       | 1.0 2,010      |
| Large Livestock<br>Small Cash Crop       | 251-499                               | 350                  | 1   | 20   | 2.0   | 1.0   | 24,501   | -   | 24,501                             | 128       | 1.0 128        |
| Large Livestock<br>Medium Cash Crop      | 251-499                               | 350                  | 8   | 75   | 8.0   | 2.0   | 24,501   | 9,095   | 33,596                             | 510       | 2.0 4,080      |
| Large Livestock<br>Large Cash Crop       | 251-499                               | 350                  | 3   | 516  | 53.0  | 15.0  | 24,501   | 43,020  | 67,521                             | 3,381     | 5.0 10,143     |
| Very Large Livestock<br>Small Cash Crop  | 500 or<br>more                        | 900                  | 0   | -  | -   | -   | 65,341   | -   | 65,341                             | -         | -              |
| Very Large Livestock<br>Medium Cash Crop | 500 or<br>more                        | 900                  | 2   | 381  | 19.0  | 4.0   | 65,341   | 9,095   | 74,436                             | 2,379     | 3.0 4,758      |
| Very Large Livestock<br>Large Cash Crop  | 500 or<br>more                        | 900                  | 3   | 308  | 16.0  | 4.0   | 65,341   | 43,020  | 108,361                            | 2,003     | 2.0 6,009      |
| TOTAL                                    |                                       |                      | 86  |  |   |   |  |   |                                    |           | \$ 43,890      |

Source: BLM, 1980

APPENDIX 4.19: ANNUAL ECONOMIC IMPACT OF ALTERNATIVE D ON THE INTENSIVE STUDY AREA

|  | Agriculture        | Construction | Services <sup>8</sup> | Trade <sup>8</sup> | Government        | Total               | % of 1978 Total |
|--|--------------------|--------------|-----------------------|--------------------|-------------------|---------------------|-----------------|
| <b>Existing Situation (1978)<sup>1</sup></b> |                    |              |                       |                    |                   |                     |                 |
| Earnings (\$1,000)                           | 30,383             | 14,032       | 32,781                | 23,732             | 40,068            | 200,013             | 100             |
| Employment                                   | 3,372 <sup>7</sup> | 660          | 3,240                 | 2,687              | 4,304             | 19,520 <sup>9</sup> | 100             |
| <b>Short Term Changes<sup>2</sup></b>        |                    |              |                       |                    |                   |                     |                 |
| Sales <sup>4</sup> (\$1,000)                 | -4,173             | 1,902        | 0                     | 0                  | -                 | -                   | -               |
| Gross Output <sup>4</sup> (\$1,000)          | -9,785             | 3,336        | 0                     | 0                  | -                 | -                   | -               |
| Earnings <sup>4</sup> (\$1,000)              | -2,348             | 981          | 0                     | 0                  | 70 <sup>10</sup>  | -666 <sup>11</sup>  | 0.3             |
| Employment <sup>5</sup>                      | - 229              | 96           | 0                     | 0                  | 37 <sup>10</sup>  | - 96 <sup>11</sup>  | 0.5             |
| <b>Long Term Changes<sup>2</sup></b>         |                    |              |                       |                    |                   |                     |                 |
| Sales <sup>6</sup> (\$1,000)                 | -2,034             | 116          | 41                    | 235                | -                 | -                   | -               |
| Gross Output <sup>6</sup> (\$1,000)          | -4,770             | 203          | 86                    | 101                | -                 | -                   | -               |
| Earnings <sup>6</sup> (\$1,000)              | -1,145             | 60           | 34                    | 41                 | 421 <sup>10</sup> | -589 <sup>11</sup>  | 0.3             |
| Employment <sup>5</sup>                      | - 112              | 6            | 3                     | 4                  | 21 <sup>10</sup>  | - 78 <sup>11</sup>  | 0.4             |

- Figures for existing situation indicate employment and earnings within the itemized sectors for 1978.
- Figures for short term and long term changes indicate direct and indirect output, earnings and employment generated by the change in sales for the itemized sector (except for government sector, see #10).
- The short term changes for employment indicate the total change from the existing situation during the first 7 years of implementation.
- The short term changes for output, earnings and employment indicate the average annual change from the existing situation during the first 7 years of implementation.
- Long term changes for employment indicate the total change from the existing situation during the 15 years of implementation following the first 7 years.
- Long term changes for output, earnings and employment indicate the average annual change from the existing situation during the 15 years of implementation following the first 7 years.
- Includes wage and salary and proprietary employment.
- Recreation expenditures are divided into the service and trade sectors.
- This is the total listed for all sectors in Tables 3.30 and 3.31.
- This is only the direct change associated with government earnings and employment.
- Total for changes in agriculture, construction, services, trade and government.

Source: BLM, 1980

APPENDIX 4.20: ESTIMATED NEGATIVE SHORT AND LONG TERM IMPACTS OF ALTERNATIVE E  
ON NET ANNUAL RANCH INCOMES ON AFFECTED RANCHES

|  | Size By<br>Number<br>Of Brood<br>Cows | Average<br>Number<br>Of<br>Brood<br>Cows | Number<br>Of<br>Ranches | Average<br>Increase<br>In BLM AUMs<br>Per Ranch | Average<br>Percent<br>Increase<br>In BLM AUMs<br>Per Ranch | Average<br>Percent<br>Increase<br>In Total AUMs<br>Per Ranch | Average<br>Annual<br>Net<br>Livestock<br>Income<br>Per Ranch | Average<br>Annual<br>Net Crop<br>Income<br>Per Ranch | Average<br>Annual<br>Net Total<br>Income<br>Per Ranch | Increased Annual<br>Average Percentage<br>Per Ranch | Average Percentage<br>Per Ranch | Increased Annual Income<br>All<br>Ranches |
|--|---------------------------------------|--|-------------------------|---|--|--|--|--|---|---|---------------------------------|---|
| Small Livestock<br>Small Cash Crop       | 0-100                                 | 60                                       | 46                      | 159   | 100  | 30.8   | \$ 2,846   | \$ -   | \$ 2,846  | \$ 5,218  | 183.0                           | \$ 240,028                                |
| Small Livestock<br>Medium Cash Crop      | 0-100                                 | 60                                       | 96                      | 159   | 100  | 30.8   | 2,846  | 9,095  | 11,941  | 5,218   | 44.0                            | 500,928                                   |
| Small Livestock<br>Large Cash Crop       | 0-100                                 | 60                                       | 70                      | 159   | 100  | 30.8   | 2,846  | 43,020   | 45,866  | 5,218   | 11.0                            | 365,260                                   |
| Medium Livestock<br>Small Cash Crop      | 101-250                               | 170                                      | 36                      | 382   | 100  | 23.5   | 10,662   | -  | 10,662  | 14,887  | 140.0                           | 535,932                                   |
| Medium Livestock<br>Medium Cash Crop     | 101-250                               | 170                                      | 88                      | 382   | 100  | 23.5   | 10,662   | 9,095  | 19,757  | 14,887  | 75.0                            | 1,310,056                                 |
| Medium Livestock<br>Large Cash Crop      | 101-250                               | 170                                      | 60                      | 382   | 100  | 23.5   | 10,662   | 43,020   | 53,682  | 14,887  | 28.0                            | 893,220                                   |
| Large Livestock<br>Small Cash Crop       | 251-499                               | 350                                      | 32                      | 982   | 100  | 28.6   | 24,501   | -  | 24,501  | 34,453  | 141.0                           | 1,102,496                                 |
| Large Livestock<br>Medium Cash Crop      | 251-499                               | 350                                      | 40                      | 982   | 100  | 28.6   | 24,501   | 9,095  | 33,596  | 34,453  | 103.0                           | 1,378,120                                 |
| Large Livestock<br>Large Cash Crop       | 251-499                               | 350                                      | 40                      | 982   | 100  | 28.6   | 24,501   | 43,020   | 67,521  | 34,453  | 51.0                            | 1,378,120                                 |
| Very Large Livestock<br>Small Cash Crop  | 500 or<br>more                        | 900                                      | 18                      | 1972  | 100  | 25.8   | 65,341   | -  | 65,341  | 92,140  | 141.0                           | 1,658,520                                 |
| Very Large Livestock<br>Medium Cash Crop | 500 or<br>more                        | 900                                      | 12                      | 1972  | 100  | 25.8   | 65,341   | 9,095  | 74,436  | 92,140  | 124.0                           | 1,105,680                                 |
| Very Large Livestock<br>Large Cash Crop  | 500 or<br>more                        | 900                                      | 20                      | 1972  | 100  | 25.8   | 65,341   | 43,020   | 108,361   | 92,140  | 85.0                            | 1,842,800                                 |
|  | TOTAL                                 |  | 558                     |   |  |  |  |  |   |   |                                 | \$12,311,160                              |

Source: BLM, 1980

APPENDIX 4.21: ANNUAL ECONOMIC IMPACT OF ALTERNATIVE E ON THE INTENSIVE STUDY AREA

|  | Agriculture        | Construction | Services <sup>8</sup> | Trade <sup>8</sup> | Government        | Total                 | % of 1978 Total |
|--|--------------------|--------------|-----------------------|--------------------|-------------------|-----------------------|-----------------|
| <b>Existing Situation (1978)<sup>1</sup></b> |                    |              |                       |                    |                   |                       |                 |
| Earnings (\$1,000)                           | 30,383             | 14,032       | 32,781                | 23,732             | 40,068            | 200,013               | 100             |
| Employment                                   | 3,372 <sup>7</sup> | 660          | 3,240                 | 2,687              | 4,304             | 19,520 <sup>9</sup>   | 100             |
| <b>Short Term Changes<sup>2</sup></b>        |                    |              |                       |                    |                   |                       |                 |
| Sales <sup>4</sup> (\$1,000)                 | -12,926            | 2,000        | 39                    | 221                | -                 | -                     | -               |
| Gross Output <sup>4</sup> (\$1,000)          | -30,311            | 3,508        | 81                    | 96                 | -                 | -                     | -               |
| Earnings <sup>4</sup> (\$1,000)              | - 7,274            | 1,031        | 32                    | 39                 | 656 <sup>10</sup> | - 5,516 <sup>11</sup> | 2.8             |
| Employment <sup>3</sup>                      | - 710              | 101          | 3                     | 4                  | 32 <sup>10</sup>  | - 570 <sup>11</sup>   | 2.9             |
| <b>Long Term Changes<sup>2</sup></b>         |                    |              |                       |                    |                   |                       |                 |
| Sales <sup>6</sup> (\$1,000)                 | -12,926            | 104          | 41                    | 231                | -                 | -                     | -               |
| Gross Output <sup>6</sup> (\$1,000)          | -30,311            | 182          | 84                    | 100                | -                 | -                     | -               |
| Earnings <sup>6</sup> (\$1,000)              | - 7,274            | 54           | 33                    | 40                 | 604 <sup>10</sup> | - 6,543 <sup>11</sup> | 3.3             |
| Employment <sup>5</sup>                      | - 710              | 5            | 3                     | 4                  | 29 <sup>10</sup>  | - 669 <sup>11</sup>   | 3.4             |

1. Figures for existing situation indicate employment and earnings within the itemized sectors for 1978.
2. Figures for short term and long term changes indicate direct and indirect output, earnings and employment generated by the change in sales for the itemized sector (except for government sector, see #10).
3. The short term changes for employment indicate the total change from existing situation during the first 7 years of implementation.
4. The short term changes for output, earnings and employment indicate the average annual change from the existing situation during the first 7 years of implementation.
5. Long term changes for employment indicate the total change from the existing situation during the 15 years of implementation following the first 7 years.
6. Long term changes for output, earnings and employment indicate the average annual change from the existing situation during the 15 years of implementation following the first 7 years.
7. Includes wage and salary and proprietary employment.
8. Recreation expenditures are divided into the service and trade sectors.
9. This is the total listed for all sectors in Tables 3.30 and 3.31.
10. This is only the direct change associated with government earnings and employment

Source: BLM, 1980



## GLOSSARY

**ACCELERATED EROSION.** Erosion processes increased by the activities of man. See "Erosion".

**ACID SOIL.** Soil with a pH value less than 6.6.

**ACTIVITY OCCASION.** Participation in a recreational activity by one person for any part of a day.

**ACTUAL USE.** The true amount of grazing in AUMs based on the numbers of livestock and grazing dates submitted by the livestock operator and confirmed by periodic field checks by the BLM.

**ADJUSTMENTS.** Changes in animal numbers, seasons of use, kinds or class of animals or management practices as warranted by specific conditions.

**ALKALINE SOIL.** A soil that is alkaline throughout most or all of the parts occupied by plant roots. It is any soil horizon having a pH value greater than 7.3.

**ALLOTMENT.** An area of land where one or more livestock operators graze their livestock. Allotments generally consist of BLM lands but may also include state owned and private lands. An allotment may include one or more separate pastures. Livestock numbers and seasons of use are specified for each allotment.

**ALLOTMENT MANAGEMENT PLAN (AMP).** A written program of livestock grazing management, including supportive measures if required, designed to attain specific management goals in a grazing allotment.

**ALLOWABLE USE.** The amount of use the various plant species can withstand and still maintain their vigor and reproductive capabilities.

**ALLUVIAL SOIL.** A soil developing from recently deposited alluvium and showing essentially no development of layers or modification of the recently deposited materials.

**ALLUVIUM.** Soil and rock debris deposited by streams.

**ANIMAL UNIT MONTH (AUM).** A standardized measurement of the amount of forage necessary for the complete sustenance of one animal for one month; also, the measurement of the privilege of grazing one animal for one month.

**APPRECIATION.** Increase in cost, price or value over the cost, price or value from a previous time or period.

**AQUATIC.** Living or growing in or on the water.

**AQUIFER.** A rock formation, group of rock formations or part of a rock formation that contains enough water-saturated permeable material to yield water to a spring or well.

**ASPECT.** The orientation of a slope with respect to the compass; a position facing or fronting a particular direction; also, the visual first impression of vegetation at a particular time or as seen from a specific point.

**AVAILABLE WATER CAPACITY.** The portion of water in a soil that can readily be absorbed by plant roots. It is rated on soil characteristics that influence the ability of the soil to hold water such as content of organic matter, soil texture and soil structure.

**AWNS.** A slender bristle found at the tips of the spikelets in many grasses.



Bluebunch Wheatgrass

**BEDROCK.** The solid unweathered rock underlying soils.

**BROWSE.** To browse is to graze a plant; also, browse (noun) is the tender shoots, twigs and leaves of trees and shrubs often used as food by cattle, deer, elk and other animals.

**BUFFER ZONE/BUFFER STRIP.** Area of land adjacent to a body of water which filters sediment from overland runoff and has a stabilizing influence on the bank or shoreline.

**BULK DENSITY (SOIL).** The mass of dry soil per unit of bulk volume.

**CALCAREOUS SOIL.** Soil containing sufficient free calcium carbonate or calcium magnesium carbonate to effervesce visibly when treated with cold hydrochloric acid.

**CALF CROP.** The number of calves weaned from a given number of cows bred, usually expressed in percentages.

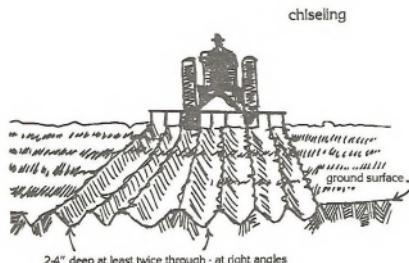
**CANOPY COVER.** The percentage of ground covered when a polygon drawn around the extremities of the undisturbed canopy of each plant is projected on the ground and all such projections on a given area are added together.

**CHANNEL.** An open conduit either naturally or artificially created which periodically or continuously contains moving water or forms a connecting link between two bodies of water.

**CHANNEL STABILITY.** A relative term describing erosion or movement of the channel walls or bottom due to water flow.

**CHARACTERISTIC LANDSCAPE.** The established landscape in an area, not necessarily a natural area. It could refer to a farming community, urban area or any other landscape which has an identifiable character.

**CHISELING.** Shallow tillage of the range to speed range improvement by increasing infiltration and reducing competition to desirable species from a dense stand of less desirable vegetation.



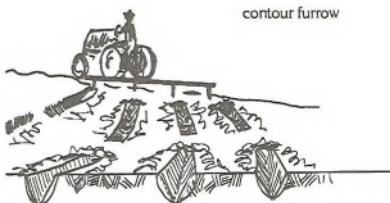
**CLAYEY.** A soil containing more than 35% clay. The textural classes are sandy clay, silty clay, clay and clay loam and silty clay loam.

**CLAYPAN.** A dense, compact layer in the subsoil having a much higher clay content than the overlying material from which it is separated by a sharply defined boundary.

**CLIMAX.** The highest ecological development of a plant community capable of perpetuation under the prevailing climatic and soil conditions.

**COMPACTION.** The process of packing firmly and closely together; the state of being so packed, e.g., mechanical compaction of soil by livestock or vehicular activity. Soil compaction results from particles being pressed together so that the volume of the soil is reduced. It is influenced by the physical properties of the soil, moisture content and the type and amount of compactive effort.

**CONTRAST.** The effect of a change in the form, line, color or texture of an existing landscape resulting from the addition of a manmade feature.



**CONTOUR FURROW.** A plowed strip to fit the contour of the land for the purpose of water retention.

**COW-CALF OPERATION.** A livestock operation in which a basic breeding herd of cows, heifers and bulls is maintained. The cows produce a calf crop each year and the operation keeps some heifer calves from each crop for breeding herd replacements. The operation sells the rest of the calf crop between the ages of 6-12 months along with old or non-productive cows and bulls.

**CRITICAL WILDLIFE HABITAT.** The area of land, water and airspace required for the normal needs and survival of an endangered species.

**CRUCIAL WILDLIFE HABITAT.** Parts of the habitat necessary to sustain a wildlife population at critical periods of its life cycle. This is often a limiting factor on the population, such as breeding habitat, winter habitat, etc.



Arrowheads

**CULTURAL RESOURCES.** A term that includes items of historical, archaeological or architectural significance which are fragile, limited and non-renewable portions of the human environment.

**CULTURAL SITE.** Any location that includes prehistoric and/or historic evidence of human use.

**DEFERMENT.** The withholding of livestock grazing until a certain stage of plant growth is reached.

**DEFERRED GRAZING.** Discontinuance of livestock grazing on an area for a specified period of time during the growing season to promote plant reproduction, establishment of new plants or restoration of the vigor by old plants.

**DEFERRED ROTATION GRAZING.** Discontinuance of livestock grazing on various parts of a range in succeeding years, allowing each part to rest successively during the growing season. This permits seed production, establishment of new seedlings or restoration of plant vigor. Two, but more commonly three or more, separate pastures are required. Control is usually ensured by fencing but may be accomplished by herding on sheep ranges.

**DEPRECIATION.** As used in this EIS, depreciation is the annual expense incurred in writing off costs of depreciable assets over their useful life.

**DETENTION DAM.** A dam constructed for the temporary storage of flood flows where the release opening is of fixed capacity and is not manually operated.

**DIET OVERLAP.** The presence of the same forage plant in the diet of several herbivores.

**DIRECT INCOME.** Income coming from a specific source.

**DISTRIBUTION.** The uniformity of livestock grazing over a range area. Distribution is affected by the availability of water, topography and type and palatability of vegetation as well as other factors.

**DRAINAGE (INTERNAL SOIL).** The property of a soil that permits the downward flow of excess water. Drainage is reflected in the number of times and in the length of time water stays in the soil. It is influ-

enced by the physical characteristics of the soil profile, the underlying layers and the depth of the water table.

#### DRAINAGE CLASSES (OF SOILS).

"Very Poorly Drained." Water is removed from the soil so slowly that free water remains at or near the surface during most of the growing season. Soils of this drainage class occupy level or depressed sites and are frequently ponded.

"Poorly Drained." Water is removed from the soil so slowly that the soil remains wet and the water table remains near the surface during a large part of the year.

"Somewhat Poorly Drained." Water is removed from the soil slowly enough to keep the soil wet for significant periods during the growing season.

"Moderately Well-Drained." Water is removed from the soil somewhat slowly during some periods. The soil is wet for a small part of the growing season.

"Well-Drained." Water is removed from the soil readily but not rapidly. Water is available for plant growth through most of the growing season and wetness does not inhibit growth of roots.

"Somewhat Excessively Drained." Water is removed from the soil rapidly. Soils may be shallow or sandy and rapidly pervious. Some are so steep that much of the water they receive is lost in runoff.

"Excessively Drained." Water is removed from the soil very rapidly. These soils are commonly coarse textured, rocky, shallow or steep.

**ECOLOGICAL RANGE CONDITION CLASSES.** Four classes used to express the degree to which the composition of the present plant community reflects that of climax. They are:

"Range Condition Class"      Percentage of Present Plant Community That is Climax for the Range Site

|           |        |
|-----------|--------|
| Excellent | 76-100 |
| Good      | 51-75  |
| Fair      | 26-50  |
| Poor      | 0-25   |

"High-Good Condition"      65%-75% of climax. A condition score of 65-75.

"Low-Good Condition"      51%-64% of climax. A condition score of 51-64.

**ECOSYSTEM.** An ecological community together with its physical environment. Its functioning involves the circulation of matter and energy between organisms and their environment.

**EDGE EFFECT.** This term refers to the fact that wildlife populations are generally highest in the areas where a diversity of habitats are available in a relatively small area, i.e. where habitats "edge" into one another.

**ELIMINATION OF GRAZING.** Relinquishment or cancellation of livestock grazing on public lands currently being grazed by livestock.

**ENDANGERED OR THREATENED SPECIES.**

Determined for plants and animals by one or a combination of the following factors:

1. The present or threatened destruction, modification or curtailment of a species habitat or range.
2. Over-utilization of a species for commercial, sporting, scientific or educational purposes.
3. Disease or predation of the species.
4. The inadequacy of existing regulatory mechanisms.
5. Other natural or human caused factors affecting a species' continued existence.

**ENVIRONMENTAL IMPACT STATEMENT (EIS).** A written analysis of the impacts on the environment of proposed project (e.g., a grazing program).

**EPHEMERAL STREAM.** A stream that flows only after rains or during snowmelt.

**EQUITY CAPITAL INVESTMENT.** The net value of a ranch property obtained by subtracting from its total value the amount owed on it.

**EROSION.** The wearing away of the land surface by running water, wind, ice or other geological agents.

**EROSION CONDITION CLASSES.** Expression of current erosion activity by use of the following ratings (soil surface factor): stable, 0-20; slight, 21-40; moderate, 41-60; critical, 61-80; severe, 81-100.

**EROSION SUSCEPTIBILITY.** The susceptibility of a soil to erosion when no cover is present. The rate of soil displacement depends on the physical properties of the soil, rainfall intensity and slope gradient.

**EXPOSURE.** Direction of a slope in respect to points of the compass.

**FECAL COLIFORM.** Bacteria that are present in the intestine and feces of warm blooded animals. Their presence in water indicates fecal contamination.

**FEDERAL LAND POLICY AND MANAGEMENT ACT OF 1976 (FLPMA).** Public Law 94-579, October 21, 1976, often referred to as the BLM's "Organic Act," which provides the majority of the BLM's legislated authority, direction, policy and basic management guidance.

**FISHERMAN DAY.** One person engaged in fishing during any part of one day.

**FLOODPLAIN.** The relatively flat area or lowlands adjoining a body of standing or flowing water which has been or might be covered by floodwater.

**FORB.** A broadleafed herb that is not grass, sedge or rush.



cudweed sagewort

**FRIABLE.** A soil with a loose surface that is easily crumbled or pulverized.

**GEOMORPHIC.** Pertaining to the form of the earth or its surface features.

**GEOMORPHIC SOIL SUBGROUP.** A group of soils having a unique kind and degree of limitation for alternative land use and treatment based on parent material, soil quality and landscape features.

**GLACIAL TILL.** Unstratified glacial drift deposited directly by the ice consisting of clay, silt, sand, gravel and boulders intermingled in any proportion.

**GRANDFATHERED ACTIVITY.** For wilderness purposes, any land surface disturbance or alteration that had occurred within a Wilderness Study Area prior to the passage of FLPMA (October 21, 1976).

**GRAZING DISTRICT.** Established by the Taylor Grazing Act, grazing districts are administrative subdivisions of the rangelands under jurisdiction of the BLM.

**GRAZING SYSTEM.** The manipulation of livestock grazing to accomplish a desired result.

**GROUND COVER.** Vegetation, mulch, litter, rocks, etc.

**GROUNDWATER.** Water contained in pore spaces of consolidated and unconsolidated subsurface material.

**GULLYING.** The erosion process whereby water accumulates in narrow channels and, over short periods, removes the soil from this narrow area to considerable depths, ranging from 0.5 meter (1.6 feet) to as much as 25 to 30 meters (83 to 100 feet).

**HABITAT.** A specific set of physical conditions that surround a species, group of species or a large community. In wildlife management, the major constituents of habitat are considered to be food, water, cover and living space.

**HUNTER DAY.** One person hunting during any part of one day.



**HYDROLOGIC SOIL GROUP.** A class of soils that have similar general infiltration and water movement ability through the soil profile and bedrock. Hydrologic groups are used to estimate runoff after rainfall. Soil properties influencing infiltration rates and runoff are depth to a water table, water intake rate and permeability and depth to layers of slowly permeable soil.

"Group A." Soils that have high infiltration rates when thoroughly wetted. This group consists chiefly of deep, well-drained to excessively well drained sand and/or gravel. Group A soils have a high rate of water transmission so they have a low runoff potential.

"Group B." Soils that have moderate infiltration rates when thoroughly wetted. This group consists of moderately deep to deep, moderately well drained to well drained soils with moderately fine to moderately coarse textures. Group B soils have a moderate rate of water transmission.

"Group C." Soils that have slow infiltration rates when thoroughly wetted. This group consists chiefly of: (1) soils with a layer that impedes the downward movement of water, or (2) soils with moderately fine to fine texture and slow infiltration rate. Group C soils have a slow rate of water transmission.

"Group D." Soils that have a very slow infiltration rates when thoroughly wetted. This group consists chiefly of: (1) clay soils with high swelling potential, (2) soils with a high permanent water table, (3) soils with claypan or clay layer at or near the surface, and (4) shallow soils over nearly impervious materials. Group D soils have a very slow rate of water transmission.

**HYDROLOGY.** The science dealing with the behavior of water as it occurs in the atmosphere, on the surface of the ground and underground.

**IGNEOUS ROCKS.** Rocks formed by solidification of molten earth materials. Intrusive igneous rocks are those solidified beneath the surface of the earth; extrusive igneous rocks emerged at the surface as molten material before solidifying (e.g. lava).

**INDIRECT BUSINESS ACTIVITY.** Total income produced in other economic sectors (such as in retail trade) by the receipt of income in a different sector (such as in the livestock industry).

**INDUSTRY INCOME MULTIPLIER.** An indicator of the income stimulated from the regional economy by an economic sector (e.g. government, agriculture) above and beyond the initial income produced by that sector.

**INFILTRATION.** The penetration of water into the soil surface through pores of the soil. The rate and amount of infiltration is limited by the size and abundance of pores, organic matter content and the water absorption capacity of the soil.

**INFILTRATION CAPACITY.** The maximum rate at which the soil, when in a given condition, can absorb falling rain or melting snow.

**INSTANT STUDY AREA.** One of the primitive or natural areas formally identified by the BLM prior to November 1, 1975.

**INTERIM MANAGEMENT POLICY AND GUIDELINES FOR LANDS UNDER WILDERNESS REVIEW (IMP).** A BLM document, dated December 12, 1979, which defines the policy for management of Wilderness Study Areas until a final determination on Wilderness designation is made by Congress.

**INTERMITTENT STREAM.** A stream which flows most of the time but occasionally is dry or reduced to pool stage.

**INTERSEEDING.** The practice of seeding native or introduced plant species into native range in combination with various mechanical treatments. Interseeding differs from range seeding in that only part of the native vegetation is removed to provide a seed bed for the seeded species.

**KEY SPECIES.** Major forage species on which range management should be based.

**LANDSCAPE.** All natural features such as fields, hills, forests, etc., which distinguish one part of the earth's surface from another part.

**LAND TREATMENT.** All methods of artificial range improvement and soil stabilization such as reseeding, brush control (chemical and mechanical), pitting, furrowing, waterspreading, etc.

**LIMNOLOGY.** The study of lakes and reservoirs.

**LIVESTOCK OPERATION.** The management of a ranch or farm so that a significant portion of the income is derived from the continuing production of livestock.

**LOAMY.** Soil that is intermediate in texture and properties between sandy and clayey soils. Textural classes are sandy loam, fine sandy loam, very fine sandy loam, loam, silt loam, silt, sandy clay loam, and silty clay loam and clay loam with less than 35 percent.

**LOAMY SKELETAL.** A soil with 35 percent or more by volume of rock fragments more than two millimeters in size with the fine-earth fraction defined as for loamy.

**MANAGEMENT FRAMEWORK PLAN (MFP).** A planning decision document that establishes, for a given planning area, land use allocations, coordination guidelines for multiple use, and management objectives to be achieved for each class of land use or protection. It is the BLM's land use plan. An MFP is prepared in three steps: (1) resource recommendations, (2) impact analysis and alternative development, and (3) decision making.

**MECHANICAL TREATMENTS.** Treatment by mechanical means of an area of range including contour furrowing, pitting, plowing and seeding, chiseling, scalping, water spreaders, etc. to accomplish desired objectives.

**MITIGATION MEASURES.** Methods or procedures committed to by BLM for the purpose of reducing or lessening the impacts of an action.

**MICROCLIMATE.** Climatic conditions characteristic of a small area. Microclimates are influenced by local geography and vegetation, and may be significantly different from regional climate in temperature, wind, length of growing season or precipitation patterns.

**MULTIPLE USE.** Balanced management of the various surface and subsurface resources, without permanent impairment of the productivity of the land, that will best meet present and future needs.

**NET RANCH INCOME.** The personal income available to the operator and his family for their labor and management and the return to their equity capital investment. Net ranch income is figured as the gross cash receipts of the ranch minus cash operating expenses and depreciation.

**NONUSE.** Available grazing capacity in AUMs which is not permitted during a given time period.

**NUTRIENT LOADING.** A weight/time measure used to express the amount of elements or compounds in water, such as carbon, oxygen, nitrogen and phosphorus, which are essential as raw materials for organism growth.

**OFF-ROAD VEHICLE (ORV).** Any motorized track or wheeled vehicle designed for cross-country travel over any type of natural terrain.

**OPPORTUNITY COST OF CAPITAL.** The most favorable economic return that capital could accrue if it were invested in something other than the ranch operation.

**"PAPER CHANGE" IN PERMIT VALUE.** The change in permit value caused by an increase or decrease in the authorized use of BLM AUMs with no real increase or decrease in the actual number of AUMs being grazed by livestock.

**PARENT MATERIAL.** The unconsolidated and more or less chemically weathered mineral or organic matter from which the surface layers of soils are developed by natural processes.

**PEAK DISCHARGE.** The highest stage or channel flow attained by a flood, usually expressed as the volume of water in cubic feet passing a given point in a one second time period, hence, cubic feet/second.

**PEDESTALING.** A phenomenon of erosion where plants or rocks are left standing on pedestals of soil. Pedestals are formed because a rock or plant has protected the soil underneath from wind and water erosion.

**PERCENT OPTIMUM COVER.** That percent of bank stabilizing cover consisting of vegetation, rocks, logs, etc.

**PERCENTAGE OF USE.** Grazing use of current vegetation growth, usually expressed as a percentage of weight removed.

**PERENNIAL (PERMANENT) STREAM.** A stream which flows nine or more months out of a year.

**PERMEABILITY.** The ease with which gases, liquids or plant roots pass through a layer of soil. Accepted as a measure of this property is the rate at which soil transmits water while saturated, and may imply how well water passes through the least permeable soil layer.

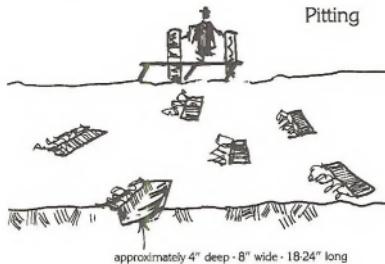
**pH.** The degree of acidity or alkalinity of a soil.

**PERMIT (GRAZING).** An authorization that permits the grazing of a specified number and kind of livestock on a designated area of BLM lands for a period of time, usually not more than one year.

**PERMIT VALUE.** The market value of a BLM grazing permit which is often included in the overall market value of the ranch.

**PITTING.** Making shallow pits or basins of suitable capacity and distribution on range to speed range

improvement. Pitting retains water from rainfall and snowmelt and reduces competition to desirable species from a dense stand of less desirable vegetation.



**PLANNING AREA ANALYSIS (PAA).** The PAA analyzes present and future public demand for lands, renewable and non-renewable resources. Based on data in the LRA, the socio-economic profile and other information from the region, the PAA shows the significance of the land uses within a planning area to users and operators, to the community and to the region.

**PLANT SUCCESSION.** The process of vegetative development whereby an area becomes successively occupied by different plant communities of higher ecological orders.

**PROPER USE.** The degree and time of use of the current year's plant growth which, if continued, will either maintain or improve the range condition consistent with conservation of other natural resources.

**PROPER USE FACTOR.** The degree of use a kind of grazing animal will make of a particular plant when the range is properly grazed.

**PUBLIC LANDS.** Any land and interest in land (outside of Alaska) owned by the United States and administered by the Secretary of the Interior through the Bureau of Land Management.

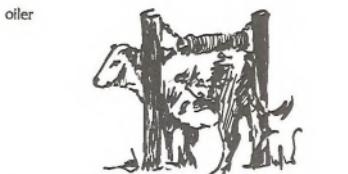
**PUBLIC PARTICIPATION.** Part of BLM's planning system that provides the opportunity for citizens as individuals or groups to express local, regional, and national perspectives and concerns in the rule making, decision making, inventory and planning processes for public lands. This includes public meetings, hearings, or advisory boards or panels that may review resource management proposals and offer suggestions or criticisms for the various alternatives considered.

**RANCH DEPENDENCY.** As used in this EIS, the amount of BLM grazing divided by the total seven and one-half months grazing requirements of a ranch operation.

**RANGE CONDITION.** The present state of vegetation of a range site in relation to the climax plant community of that site. It is an expression of the relative degree to which the kinds, proportions and amounts of plants in a plant community resemble that of the climax plant community for that site. Range condition is basically an ecological rating of the plant community. Air-dry weight is the unit of measure used in comparing the composition and production of the present plant community with that of the climax community.

**RANGE DEVELOPMENT.** A structure, excavation, treatment or development to rehabilitate, protect or improve public lands to advance range betterment. "Range Development" is synonymous with "Range Improvement."

**RANGE FACILITIES.** Any structure or excavation such as water sources, shade sources, oilers, etc. designed to facilitate range management.



**RANGE IMPROVEMENT.** The same as "Range Development."

**RANGE SEEDING.** The process of establishing vegetation by mechanical dissemination of seed.

**RANGE SITE.** A distinctive kind of rangeland that differs from other kinds of range land in its ability to produce a characteristic natural plant community. A range site is the product of all the environmental factors responsible for its development. It is capable of supporting a native plant community typified by an association of species that differs from that of other range sites in the kind or proportion of species or in total production.

**RANGE TREND.** The direction of change in range condition and soil.

**RECREATION INFORMATION SYSTEM (RIS).** A BLM program to inventory, map and rate the quality of recreational activities available in a particular planning area.

**RECREATIONAL OPPORTUNITY.** Those outdoor recreation activities which offer satisfaction in a particular physical, social and management setting. In the Prairie Potholes EIS area, these activities are primarily hunting, fishing, wildlife viewing, picnicking and, in some areas, boating and camping.

**RECREATIONAL QUALITY.** For purposes of this EIS, a numerical rating for each recreational activity as determined by rating criteria unique to that activity. See "Recreation Information System."

**REPRESENTATIVE RANCH BUDGET.** A schedule of average costs, receipts and income for a typical ranch of a given size.

**RESIDUAL GROUND COVER.** That portion of the total vegetative ground cover that remains after the livestock grazing season.

**REST ROTATION GRAZING.** An intensive system of management where grazing is deferred on various parts of the range during succeeding years, allowing the deferred part complete rest for one year. Two or more units are required. Control by fencing is usually necessary on cattle range but may be obtained by herding on sheep ranges.

**RILL.** A small ephemeral water course several inches deep.

**RIPARIAN AREA.** A specialized form of wetland with characteristic vegetation restricted to areas along, adjacent to or contiguous with rivers and streams; also, periodically, flooded lake and reservoir shore areas, as well as lakes with stable water levels.

**RUNOFF.** The water that flows on the land surface from an area in response to rainfall or snowmelt. As used in this EIS, runoff from an area becomes streamflow when it reaches a channel.

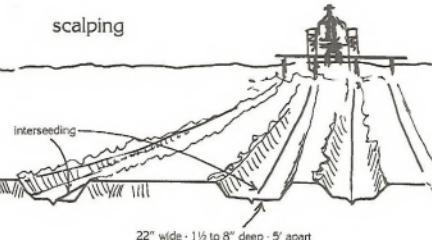
**SALINE SEEP.** Areas of recently developed salinity in soils that are non-irrigated but are wet some or all of the time and often have white salt crusts. Grass production on saline seeps is reduced or eliminated.

**SALINE SOIL.** A non-sodic soil containing sufficient soluble salt to impair its productivity. The electric conductivity of the saturation extract is more than two microhms per centimeter at 25°C.

**SALINITY.** A measure of the mineral substances dissolved in water.

**SANDY.** A soil containing a large amount of sand. Textural classes are sands and loamy sands.

**SCALPING.** Removing 10 to 25 inch wide strips of native vegetation and leaving undisturbed strips between. This mechanical treatment speeds range improvement by retaining rain, water and snowmelt and by reducing competition to desirable species from a dense stand of less desirable vegetation.



**SCOPING (PUBLIC).** See "Public Participation."

**SEASON OF USE.** The time of livestock grazing on a range area based on type of vegetation or stage of vegetative growth.

**SEASONAL (SEASON LONG) GRAZING.** Grazing use throughout a specific season.

**SEDIMENT.** Soil, rock particles and organic or other debris carried from one place to another by wind, water or gravity.

**SEDIMENTATION.** The action or process of deposition of material borne by water, wind or glacier.

**SEDIMENTARY ROCK.** A rock formed from materials deposited from suspension or precipitated from solution and usually being more or less consolidated. The principal sedimentary rocks are sandstone, shales and limestones.

**SEDIMENT YIELD.** The total amount of sediment given up by a watershed over a specified time period, usually a year. Ordinarily it is expressed as tons, acre feet or cubic yards of sediment per unit of drainage area per year.

**SHEET EROSION.** The detachment of soil material from the land surface by raindrop impact and its subsequent removal by prechannel or overland flow.

**SHRUB.** A low woody plant, usually with several stems, that may provide food and/or cover for animals.

**SNOW HARVESTING.** Methods used to increase the normal size of a snow drift in order to increase snow melt.



**SODIC SOIL.** A soil containing sufficient exchangeable sodium to interfere with the growth of most crop plants. A soil in which the sodium absorption ratio of the saturation extract is 15 or more.

**SOIL.** The unconsolidated mineral material on the immediate surface of the earth that serves as a natural medium for the growth of land plants.

**SOIL ASSOCIATION.** A mapping unit used on general soil maps in which two or more defined series occurring together in a characteristic pattern are combined. This could be because the scale of the map or the purpose for which it is being made does not require delineation of the individual series.

**SOIL LOSS.** The detachment of material from the land surface by raindrop impact and its subsequent removal by prechannel or overland flow. synonymous with "Sheet Erosion."

**SOIL MAP.** A map showing the distribution of soil series or other soil mapping units in relation to the prominent physical and cultural features of the earth's surface.

**SOIL MOISTURE.** Water held in the root zone by capillary action. Part of the soil moisture is available to plants, part is held too tightly by capillary or molecular forces to be removed by plants.

**SOIL SERIES.** The basic unit of soil classification, being a subdivision of a family and consisting of soils which are essentially alike in all major profile characteristics except in the texture of the "A" horizon (or surface layer).

**SOIL SURFACE FACTOR (SSF).** An expression of current erosion activity. Seven categories of surface features are considered in the examination of the area with both wind and water being considered for each category. The categories are: soil movement, surface litter, surface rock, pedestaling, rills, flow patterns and gullies. Numerical values are assigned to each category, and these are totaled to determine the SSF. This value determines the erosion condition class of the area. See also "Erosion Condition Classes."

**SOIL TEXTURAL CLASSES.** See the Appendix.

**SPECIES OF SPECIAL INTEREST OR CONCERN.** Species not yet listed as "endangered or threatened" but whose status is being reviewed because of their widely dispersed populations or their restricted ranges. A species whose population is particularly sensitive to external disturbance.

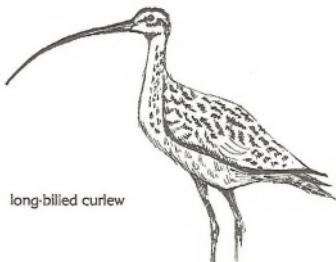
**STREAMBANK (and CHANNEL) EROSION.** This is the removal and transport of material by concentrated flows.

**STREAM COURSE.** See "Channel".

**SURFACE SOIL OR SURFACE LAYER.** The uppermost part of the soil, ordinarily moved in tillage, or its equivalent in uncultivated soils and ranging in thickness from 4 to 8 inches. Frequently designated as the "Plow layer", the Ap layer or the Ap horizon.

**SUSTAINED YIELD.** The achievement and maintenance of a high level annual or periodic yield of the various renewable resources of public lands consistent with multiple use.

**THREATENED SPECIES.** A species that the Secretary of Interior has determined to be likely to become endangered within the foreseeable future throughout all or most of its range. See also "Endangered or Threatened Species."



long-billed curlew

**TOPOGRAPHIC COVER.** The cover created in mechanical treatments by soil disturbance; that is, the furrows, irregular placed sod and soil clumps.

**TOPOGRAPHY.** The exact physical features and configuration of a place or region; the detailed and accurate description of the landforms of a place or region.

**TOTAL DISSOLVED SOLIDS.** The dry weight of dissolved material, organic and inorganic, contained in water.

**TRESPASS.** The grazing of livestock on public lands without proper authority, resulting either from a willful or negligent act.

**TURBIDITY.** An interference to the passage of light through water due to insoluble particles of soil, organics, micro-organisms and other materials.

**UNDERLYING MATERIAL.** The weathered parent material (See "Parent Material").

**UNIT RESOURCE ANALYSIS (URA).** A comprehensive display of physical resource data and an analysis of the current use, production, condition and trend of the resources and the potentials and opportunities within a planning unit, including a profile of ecological values.

**VEGETATION (GROUND) COVER.** The percent of land surface covered by all living vegetation (and remnant vegetation yet to decompose) within 20 feet of the ground.

**VESICULAR.** Soil pores are spherical or elliptical in shape. Pores of this type are enclosed by unaggregated soil.

**VISUAL RESOURCE(S).** The land, water, vegetation and animals that comprise the scenery of an area.

**VISUAL RESOURCE MANAGEMENT (VRM).** The planning, design and implementation of management objectives to provide acceptable levels of visual impacts for all BLM resource management activities.

**VISUAL RESOURCE MANAGEMENT CLASS.** Classification of landscapes according to the kind and degree of visual change that is acceptable within that characteristic landscape.

**WATER INFLUENCE ZONE.** That land within and adjacent to a stream channel which is within the perimeter of the maximum probable flood.

**WATER QUALITY.** The chemical, physical and biological characteristics of water with respect to its suitability for a particular use.

**WATERSHED.** All lands which are enclosed by a continuous hydrologic drainage divide and lie upslope from a specified point on a stream.

**WATERSHED COVER.** The material (vegetation, litter, rock) covering the soil and providing protection from, or resistance to, the impact of raindrops and the energy of overland flow, and expressed in percent of the area covered.

**WATER SPREADER.** A terrace, dike or other structure intended to distribute surface water runoff and increase the area of infiltration.

**WATER YIELD.** The quantity of water derived from a unit area of watershed.



windmill



whooping crane

**WELL-BEING.** Condition of human happiness and health, measured objectively by socioeconomic indicators or subjectively with individual perceptions.

**WETLANDS.** Permanently wet or intermittently flooded areas where the water table (fresh, saline or brackish) is at, near or above the soil surface for extended intervals, where hydric wet soil conditions are normally exhibited and where water depths generally do not exceed two meters.

**WILDERNESS STUDY AREA.** A roadless area determined to have wilderness characteristics. Study areas will be subjected to interdisciplinary analysis and public comment to determine wilderness suitability. Suitable areas will be recommended to the President and Congress for wilderness designation.

**WOLF PLANT.** A plant that, though the species is considered palatable, is not grazed by livestock. The term "wolfy" is often used to describe this condition which is common on underutilized crested wheatgrass seedings.

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